

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

a Z 5076
.A1U54

c

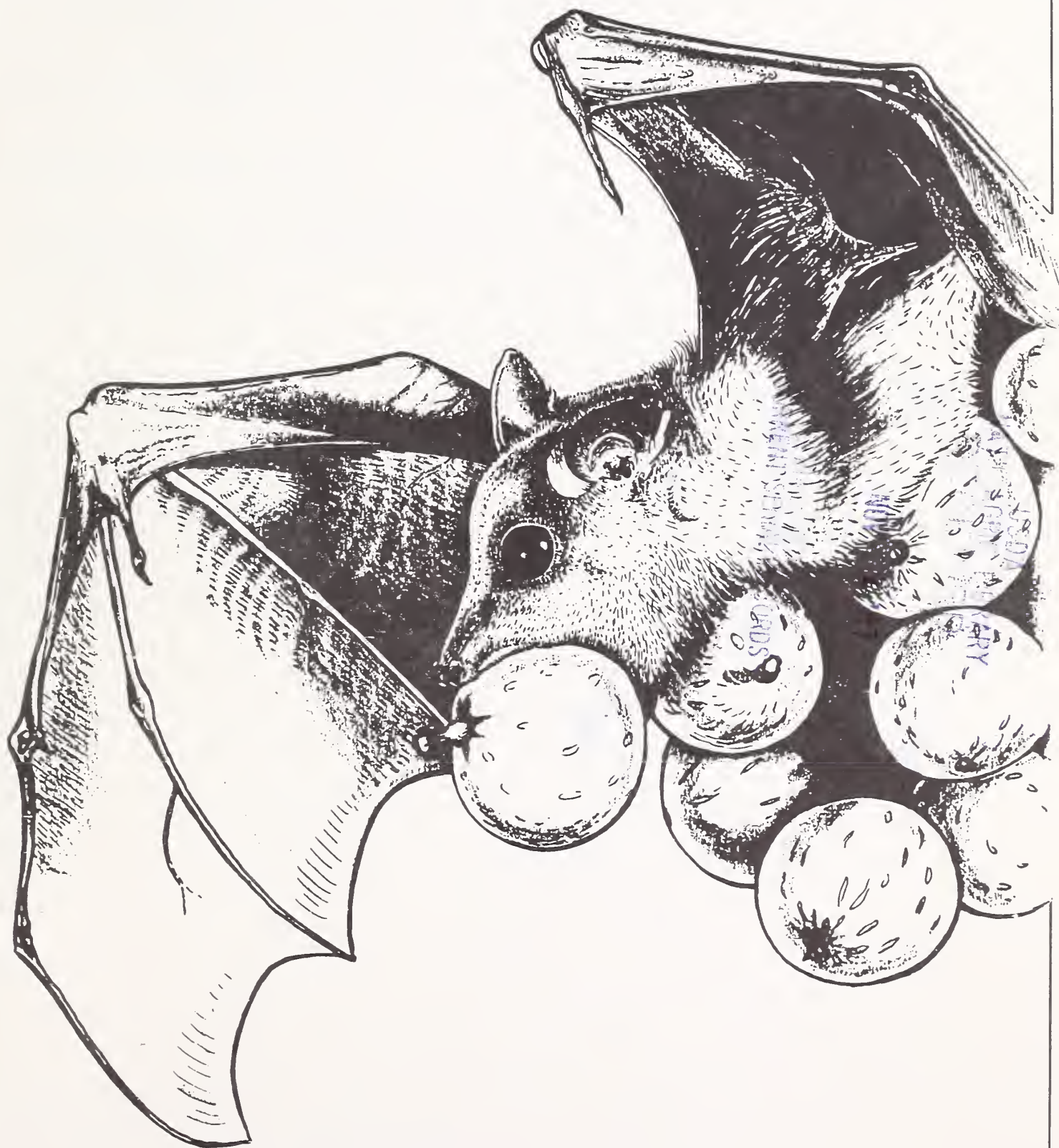


United States
Department of
Agriculture

Forest Service

Bibliographies and
Literature of
Agriculture No. 58

Fruit Bats (Megachiroptera) of the World: A Bibliography



886972

Fruit Bats (Megachiroptera) of the World: A Bibliography

by

Janet E. Morse
Technical Information Specialist

Marjorie C. Falanruw
Research Biologist

Craig D. Whitesell
Research Forester

James A. Baldwin
Mathematical Statistician

Pacific Southwest Forest and Range Experiment Station
Institute of Pacific Islands Forestry
Honolulu, Hawaii

U. S. DEPT. OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY
JAN 25 1988
CATALOGING = PREP

Contents

	<i>Page</i>
Introduction	iii
How To Use the Bibliography	iv
General Alphabetical Listing	1
Subject Index	28
General	28
Taxonomy and Zoogeography	28
General Biology, Ecology, and Behavior	29
Fruit Bat – Plant Interactions	29
Reproduction, Reproductive Physiology, and Development	29
Non-Reproductive Physiology and Biochemical Studies	29
Anatomy	30
Parasites and Diseases	30
Management and Conservation	31
Care in Captivity	31
Genus and Species Index	32

Introduction

This bibliography of literature relating to fruit bats was compiled mainly from a search of computerized data bases. It includes literature published before 1983 (most of the abstracting and indexing services began computerizing their files about 1970), current updates of the files through June 1982, and older literature selected from the references cited in documents in the collection of the Institute of Pacific Islands Forestry (Pacific Southwest Forest and Range Experiment Station, USDA Forest Service).

The coverage of this bibliography is limited to bats of the suborder Megachiroptera. These bats are considered to be a distinct, relatively homogeneous group restricted to the Old World tropics and generally frugivorous. Their common names often reflect this dietary preference. Examples are the short-nosed fruit bat (*Cynopterus brachyotis*) of Indonesia, the straw-colored fruit bat (*Eidolon helvum*) of Africa, and the tube-nosed fruit bats such as *Paranyctimene raptor* from New Guinea. Some of the Megachiroptera, the subfamily Macroglossinae, are adapted to a diet of nectar and pollen but are still called fruit bats; e.g., the African long-tongued fruit bat *Megaloglossus woermanni*.

The rest of the bats, all suborder Microchiroptera, are a diverse widespread group including insectivorous, piscivorous, nectarivorous, omnivorous, and hematophagous, as well as some frugivorous bats.¹

Some species of *Carollia*² and *Artibeus*³ in the subfamily Phyllostomatidae include fruit in their diet and are referred to in the literature as fruit bats. Because they are Microchiroptera, however, they are not included in this bibliography. For an overview of world literature published between 1958 and 1967, the reader is referred to "Bibliography of bats (Mammalia: Chiroptera) 1958-67," by Adam Krzanowski, which includes both Megachiroptera and Microchiroptera and has an extensive subject index.

Fruit bats are of special interest as agents of pollination and dispersal of fruits.⁴ Because they eat some of the same fruits as people, there is concern in areas where they occur in large numbers about their competition for fruit crops.⁵ Fruit bats are themselves a source of food for people, highly esteemed in some places. As such, they provide an indirect means for people to harvest wild fruits out of reach, and fruits, flowers, and plant parts not normally eaten by people. There is some concern about the possibility that fruit bats might carry transmittable diseases.⁶ They have also been utilized as laboratory animals. Fruit bats have a large repertoire of vocal communication, and there is considerable interest in their behavior and social organization.

Researchers in Micronesia are concerned about the overexploitation of fruit bats, which are being harvested on a number of islands at unsustainable rates. The Mariana's fruit bat *Pteropus mariannus* has been listed by the International Union for the Conservation of Native and Natural Resources as an endangered species. Wheeler, in the introduction on his bibliography of *Pteropus*, speaks of "the urgent need for biological data on which to base conservation efforts."⁷ An investigation is being carried out by Marjorie Falanruw, USDA Forest Service biologist, on the life history of the fruit bats of Yap. The intent of this research is to collect information needed for the wise management of this food item, which has recently become a valuable commercial resource.⁸ It is this study, and the need for more like it, that provided the impetus for the information in this bibliography.

⁴Ayensu, E.S. Plant and bat interactions in West Africa. *Ann. Mo. Bot. Gardens* 61(3):702-727; 1974.

⁵Ratcliffe, Francis. Note on the fruitbats (*Pteropus* spp.) of Australia. *J. of Animal Ecol.* 1:31-57; 1932.

⁶Funmilayo, O. Diet and roosting damage and environmental pollution by the straw-colored fruit bat in South-western Nigeria. *Nigerian Field XLI* (3):136-142; 1976.

⁷Wheeler, Michael E. A bibliography of the fruit bat genus *Pteropus*. Tech. Pub. No. 4. Territory of Guam, Department of Agriculture, Div. of Aquatic and Wildlife Resources; 1979 November. 30 p.

⁸Falanruw, M. Interim report on Yapese fruitbats. Unpublished testimony on Bill 1-256 for the Committee on Resources and Development, Yap State Legislature, 1981 April 25. 12 p.

¹Silva, Flario, Nossos morcegos. Bats of Rio Grande do sul Brazil. *Inheringia. Ser. Divulg.* (4):3-14; 1975.

²De Bonilla, Hela; Rasweiler, John J., IV. Breeding activity, pre-implantation development and oviduct histology of the short-tailed fruitbat, *Carollia*, in captivity. *Anat. Rec.* 179(3):385-404; 1974.

³Davis, W.B. A review of the small fruit bats genus *Artibeus* of Middle America. *Southwest Nature.* 14(1):15-29; 1970.

How To Use the Bibliography

The citations in this bibliography are listed alphabetically, by author, and secondarily by year of publication, in accordance with the rules for organization of bibliographic references approved by the American National Standards Institute (ANSI). Foreign language references list both the original title and the English translation when available or the language of the document is indicated. Journal abbreviations are consistent with those found in "Serial Sources for the BIOSIS Database," published by BioSciences Information Service.

Following the general listing are two cross indexes. The first of these breaks citations into 10 subject categories. These categories were chosen on the basis of the volume of literature in each, the interrelated nature of some topics, and the special interest of others.

Within each subject category, the entries are listed by author and year of publication. The second index presents a breakdown of citations by species or genera, also giving author and year.

General Alphabetical Listing

- Adam, F.; Hubert, B. Chiroptera new to Senegal. *Mammalia* 36(1): 59-70; 1972.
- Adam, J.P.; Landau, I. *Plasmodium voltaicum* in Congo Brazzaville. *J. Parasitol.* 56(4 Sec II Pt. 2): 391-392; 1970.
- Adam, J.P.; Le Pont, F. Les chiropteres cavernicoles de la Republique Populaire du Congo. Notes bioecologiques et parasitologiques. (The cavernicolous Chiroptera of the Popular Republic of Congo; bioecologic and parasitologic notes.) *Ann. Speleol.* 29(1): 143-154; 1974.
- Adeosun, D.A. Nycteribiid and Spinturnicid ectoparasites of bat, *Eidolon helvum*, Kerr, roosting on campus of University of Ife, Ile-Ife, Nigeria. Ife, Nigeria: Univ. Ufe; 1974, 48 p. (Dissertation)
- Aderounmu, E.A. Parasites of the straw colored fruit bat at the University of Ife. *Nigerian Field* 38(3):138-141; 1973.
- Advani, R. Species composition relative abundance and association of Chiroptera fauna with different rainfall zones in the Indian desert. *Zool. Anz.* 208(3-4): 276-282; 1982.
- Aellen, V. Un Megachiroptere nouveau, *Epomophorus reii* n. sp. *Rev. Suisse Zool.* 57(23): 559-563; 1950.
- Aellen, V. Contribution a l'etude des Chiropteres du Cameroun. *Mem. Soc. Neuchat. Sci. Nat.* 8: 1-121; 1952.
- Agrawal, V.C.; Sinha, Y.P. Studies on the bacula of some oriental bats. *Antomischer Anzeiger* 133(1/2): 180-192 1973.
- Aitken, E.H. (*Pteropus edwardsi*). *J. Bombay Nat. Hist. Soc.* 1: 144; 1886.
- Allen, G.M. A checklist of African mammals. *Bull. Mus. Comp. Zool., Harv.* 83: 1-763; 1939a.
- Allen, G.M. *Bats*. New York: Dover; 1939b. 368 p.
- Allen, J.A.; Lang, H.; Chapin, J.P. The American Museum Congo Expedition collection of bats. *Bull. Amer. Mus. Nat. Hist.* 37: 405-563; 1917.
- Anciaux, De Faveaux Michel. La lethargie chez les Chiropteres cavernicoles d'Afrique-Centrale. (Lethargy in the cavernicolous Chiroptera in Central Africa). *Int. J. Speleol.* 8(3): 291-303; 1976.
- Andersen, K. On the fruit-bats of the genus *Dobsonia*. *Ann. Mag. Nat. Hist.* (8)4(24): 528-533; 1909.
- Andersen, K. Catalogue of the Chiroptera in the collections of the British Museum. I. Megachiroptera. London: British Museum Natural History; 1912. 854 p.
- Anderson, J. *Zoology of Egypt: Mammalia*. London: 1902.
- Anderson, Robert D. The current status, distribution and natural history of Marianas fruit bats. Division of Aquatic and Wildlife Resources Annual Report; Guam Department of Agriculture; 1980: 245-252.
- Ando, K.; Tagawa, T.; Uchida, T.A. A karyotypic study on four species of Indonesian fruit eating bats belonging to *Cynopterus*, *Eonycteris* and *Macroglossus* (Chiroptera: Pteropidae). *Caryologia* 33(1): 41-54; 1980.
- Andrews, C.W. A monograph of Christmas Island. London: 1900.
- Anon. Rodrigues fruit bat. *Oryx* 13: 432; 1977.
- Ansell, W.F.H. Some fruit bats from Northern Rhodesia, with the description of a new race of *Epomophorus gambianus* Ogilby. *Rev. Zool. Bot. Afr.* 61: 160-166; 1960.
- Ansell, W.F.H. Some mammals from Zambia and adjacent countries. *Puku (Suppl. 1)*: 1-48; 1974.
- Ansell, W.F.H.; Ansel, P.D.H. Mammals of the northeastern montane areas of Zambia. *Puku* (7): 21-69; 1973.
- Aquatic and Wildlife Resources Division. Study of the fruit bats. In: Job Progress Report Federal Aid to Fish and Wildlife Restoration, July 1977-June 1978; Guam: Department of Agriculture; 1978: 111-117.
- Asdell, S.A. Patterns of mammalian reproduction. London: Constable and Co., Ltd.; 1964.
- Ashfaq, M.; Tungare, S.F. Observations on the structure of the female reproductive organs in some Indian bats. *Bull. Zool. Soc. Coll. Sci. Nagpur* 3: 1-7; 1960.
- Ayala, S.C.; Bradbury, J.; Bradbury, S. Hepatocystis in *Hypsignathus monstrosus* (Pteropinea) in Gabon 1. Hepatocystis malaria in a hammerhead bat population in Gabon, West Africa. *Ann. Parasitol. Hum. Comp.* 56(1): 21-22; 1981.
- Ayensu, E.S. SI botanist studies impact of African fruit bats. *Smithsonian Institution Research Reports No. 8*: 1-3; 1974a.
- Ayensu, E.S. Plant and bat interactions in West Africa. *Ann. Mo. Bot. Gard.* 61(3): 702-727; 1974b.

- Bababunmi, E.A.; Smith, R.L.; Williams, R.T. The absence of hippuric acid synthesis in the Indian fruit bat. *Life Sci. Part II Biochem. Gen. Mol. Biol.* 12(7): 317-326; 1973.
- Baker, J.R. Man and animals in the New Hebrides. London: 1929.
- Baker, John R.; Baker, Zita. The seasons in a tropical rain-forest (New Hebrides). Part 3. Fruit-bats (Pteropidae). *J. Linn. Soc. Zool.* 40: 123-140; 1936.
- Baker, Herbert G. Evolutionary relationships between flowering plants and animals in American and African tropical forests. In: Meggens, B.J.; Ayensu, E.S.; Duckworth, W.D. (eds.). *Tropical forest ecosystems in Africa and South America: a comparative review*. Washington, DC: Smithsonian Institution Press; 1972: 145-159.
- Baker, H.G.; Harris, B.J. The pollination of *Parkia* by bats and its attendant evolutionary problems. *Evolution* 11: 449-460; 1957.
- Baker, H.G.; Harris, B.J. Bat pollination of the silk-cotton tree, *Ceiba pentandra* (L) Gaetn. (Sensu Lato), Ghana J. West African Sci. Assoc. 5: 1-9; 1959.
- Bakr, A.; Shami, S.A. The skull of the flying fox *Pteropus giganteus*. *Proc. Pak. Sci. Conf.* 25(3): D-37; 1974.
- Balen, J.H. van. De dierenwereld van Insulinde. Zutphen; Thieme & Cie; 1912. 505 p.
- Balogun, R.A. Bat's wing membrane for artificial feeding of tsetse flies. *Nigerian J. Entomol.* 1(2): 181-183; 1975.
- Balogun, R.A. Maintenance of *Glossina palpalis* fed through bats wing membrane on defibrinated blood. *Acta Trop.* 34(4): 321-326; 1977.
- Banerjee, H. Observations on the structural peculiarities of the hind limb of fruit bat (Megachiroptera). *J. Anat. Soc. India* 21(2): 101; 1972.
- Banerjee, K.; Ilkal, M.A.; Bhat, H.R.; Sreenivasan, M.A. Experimental viremia with Japanese encephalitis virus in certain domestic and peri-domestic vertebrates. *Indian J. Med. Res.* 70: 364-368; 1979.
- Baranga, J. Splenic weights and their possible relationship to adrenocortical function in a wild population of *Rousettus aegyptiacus*. *East Afr. Wildl. J.* 16(1): 49-58; 1978.
- Baranga, J. Adrenal weight changes of a tropical fruit bat *Rousettus aegyptiacus*. *Z. Säugetierkd* 45(6): 321-336; 1980.
- Baranga, J.; Kiregyera, B. Estimation of the fruit bat population in the Kampala Bat Valley, Uganda (*Eidolon helvum*). *Afr. J. Ecol.* 20(4): 223-229; 1982 December. (English and French)
- Baron, G. Eco-ethological significance of allometric development of the two visual systems in Chiroptera. *Rev. Can. Biol.* 36(1): 1-16; 1977a. (In French)
- Baron, Von Georg. Allometric development of the vestibular nuclei in relation to flight behavior among Chiroptera. *Zool. Anz.* 199(3-4): 227-250; 1977b.
- Bartholomew, G.A.; Dawson, W.R.; Lasiewski, R.C. Thermoregulation and heterothermy in some of the smaller flying foxes (Megachiroptera) of New Guinea. *Z. Vgl. Physiol.* 70(2): 196-209; 1970.
- Bartholomew, G.A.; Leitner, P.; Nelson, J.E. Body temperature, oxygen consumption, and heart rate in three species of Australian flying foxes. *Physiol. Zool.* 37: 179-198; 1964.
- Barus, V. The finding of nematodes and acanthocephalans in Egyptian bats. *Folia Parasitol. (Prague)* 20(3): 213-222; 1973.
- Bastawde, D.B.; Mahabal, A. Some behavioral aspects of the Indian flying fox *Pteropus giganteus giganteus*. *Bio-Vigyanam* 2(2): 209-212; 1976.
- Beaufort, L.F. *Praeda Itineris a L.F. de Beaufort in Archipelago indico facti annis 1909-1910. I. Short narrative of the voyage.* *Bijdr. Dierkd.* 19: 1-5; 1913.
- Beck, A.J.; Lim, B.L. Reproductive biology of *Eonycteris spelaea* Dobson (Megachiroptera) in west Malaysia. *Acta Trop.* 30(3): 251-260; 1973.
- Bedekar, S.D.; Pavri, K.M. Studies with chikungunya virus. Part 1. Susceptibility of birds and small mammals. *Indian J. Med. Res.* 57(7): 1181-1192; 1969.
- Bemmel, A.C.V. van. *Kalongs.* *Artis* 20: 75-79; 1974.
- Bergmans, W. New data on the rare African fruit bat *Scotonycteris ophiodon* Pohle 1943. *Z. Säugetierkd.* 38(5): 285-289; 1973.
- Bergmans, W. On the differences between sympatric *Epomops franqueti* (Tomes 1860) and *Epomops buettikoferi* with additional notes on the latter species (Mammalia: Megachiroptera). *Beaufortia* 23(304): 141-152; 1975a.

- Bergmans, W. A new species of *Dobsonia* Palmer 1898 (Mammalia: Megachiroptera) from Waigeo, with notes on other members of the genus. *Beaufortia* 23(295): 1–13; 1975b.
- Bergmans, W. A revision of the African genus *Myonycteris* Matschie 1899 (Mammalia, Megachiroptera). *Beaufortia* 24(317): 189–216; 1976.
- Bergmans, W. Notes on new material of *Rousettus madagascariensis* (Mammalia: Megachiroptera). *Mammalia* 41(1): 67–74; 1977.
- Bergmans, W. Review of drinking behavior of African fruit bats (Mammalia: Megachiroptera). *Bull. Carnegie Mus. Nat. Hist.* (6): 20–25; 1978a.
- Bergmans, W. On *Dobsonia* from the Lesser Sunda Islands (Mammalia: Megachiroptera). *Senckenb. Biol.* 59(1-2): 1–18; 1978b.
- Bergmans, W. Rediscovery of *Epomophorus pousarguesi* Trouessart, 1904 in the Central African Empire (Mammalia: Megachiroptera). *J. Nat. Hist.* 12(6): 681–688; 1978c.
- Bergmans, W. Taxonomy and zoogeography of the fruit bats of the Peoples Republic of the Congo, with notes on their reproductive biology (Mammalia: Megachiroptera). *Bijdr. Dierkd.* 48(2): 161–186; 1979a.
- Bergmans, Wim. Taxonomy and zoogeography of *Dobsonia* Palmer, 1898, from the Louisiade Archipelago, the D'Entrecasteaux Group, Trobriand Island and Woodlark Island (Mammalia: Megachiroptera). *Beaufortia* 29(355): 199–214; 1979b.
- Bergmans, W. *Epomops dobsonii* new-record from Tanzania and Rwanda with a note on its size range (Mammalia: Megachiroptera). *Z. Säugetierkd.* 44(4): 239–240; 1979c.
- Bergmans, W. A new fruit bat of the genus *Myonycteris* Matschie, 1899, from eastern Kenya and Tanzania (Mammalia: Megachiroptera). *Zoologische Mededelingen* 55(4): 171–181; 1980a.
- Bergmans, W. On a new species of *Rousettus* Gray, 1821, from Sumatra and Borneo (Mammalia: Megachiroptera). *Bull. Br. Mus. (Nat. Hist.) Zool.* 38(1): 95–104; 1980b.
- Bergmans, W. Noteworthy extensions of known ranges of 3 African Fruit Bat species. *Bull. Zool. Mus. Univ. Amst.* 8(19): 157–163; 1982.
- Bergmans, W.; Bellier, L.; Vissault, J. A taxonomical report on a collection of Megachiroptera (Mammalia) from the Ivory-Coast. *Rev. Zool. Afr.* 88(1): 18–48; 1975.
- Bergmans, W.; Van Bree, P.J.H. The taxonomy of the African bat *Megaloglossus woermanni* (Megachiroptera: MacroGLOSSINAE). *Biol. Gabonica* 8(3-4): 291–299; 1972.
- Bhardwaj, J.C.; Lall, S.B. Epididymal phosphatases of *Pteropus giganteus giganteus* (Megachiroptera: Mammalia). *Indian J. Exp. Biol.* 17(4): 429–431; 1979.
- Bhardwaj, J.C.; Lall, S.B.; Jodphur, Dr. David N. Sen. Succinic dehydrogenase activity in three different epididymal segments of *Pteropus giganteus giganteus* Brunnich. *Geobios*, 9 (5/6): 243–431; 1982.
- Bhat, H.R. Dobson's long-tongued fruit bat, *Eonycteris spelaea* (Dobson), from Kumaon hills, U.P.: An addition to the Chiropteran fauna of India. *J. Bombay Nat. Hist. Soc.* 64: 550–551; 1968.
- Bhat, H.R. Records and observations on bats of Himalayan region of Uttar Pradesh and West Bengal, India. *J. Bombay Nat. Hist. Soc.* 71(1): 51–57; 1974.
- Bhat, H.R.; Sreenivasan, M.A.; Goverdhan, M.K.; Naik, S.V.; Banerjee, K. Antibodies to Kyasanur forest disease virus in bats in the epizootic epidemic area and neighborhood. *Indian J. Med. Res.* 68: 387–392; 1978 September.
- Bhat, H.R.; Sreenivasan, M.A.; Jacob, P.G. Breeding cycle of *Eonycteris spelaea* (Chiroptera: Pteropidae: MacroGLOSSINAE) in India. *Mammalia* 44(3): 343–348; 1980.
- Bhatnagar, K.P. Bacula of some Indian Megachiroptera. *J. Mammal.* 48(3): 494–497; 1967.
- Bhatt, J.R. On the mating of flying foxes (*Pteropus giganteus*). *J. Bombay Nat. Hist. Soc.* 43: 514–516; 1942.
- Bhattacharrya, T.P. Occurrence of Dobson's long-tongued fruit bat *Eonycteris spelaea* (Dobson) (Mammalia: Chiroptera: Pteropidae) in the Andaman Islands, India. *Sci. and Cult.* 41: 317–318; 1975.
- Bhide, S.A. Observations on the stomach of the Indian fruit bat *Rousettus leschenaulti*. *Mammalia* 44(4): 571–580; 1980.
- Bhide, S.A. The structure and some aspects of histochemistry of the stomach of the Indian giant fruit bat, *Pteropus giganteus giganteus* (Brunnich). In press.
- Bhima Rao, B.S.; Devaraj Sarkar, H.B.; Pilo, B. Histo-morphology of the adrenal gland of a few South Indian Chiropterans. *J. Anim. Morphol. Physiol.* 22(2): 134–139; 1975.

- Birney, E.C.; Jenness, R.; Ayaz, K.M. Inability of bats to synthesize L-ascorbic acid. *Nature* 260(5552): 626-628; 1976.
- Blackwell, K. A note on fruit bats in free-flight aviaries. *Internat. Zoo Yearbook* 6: 247; 1966.
- Blackwell, K. Breeding and hand-rearing of fruit bats *Epomops franqueti* and *Eidolon helvum* at Ife University. *Internat. Zoo Yearbook* 7: 79-80; 1967.
- Bogart, M.H.; Kumamoto, A.T.; Benirschke, K. The karyotypes of 2 species of bats *Pteropus poliocephalus* and *Hypsignathus monstrosus*. *CIS (Chromosome Inf. Serv.)* (23): 6-7; 1977.
- Bradbury, J.W. Lek mating behaviour in the hammer-headed bat. *Z. Tierpsychol.* 45: 225-255; 1977.
- Breadon, G. The flying fox in the Punjab. *J. Bombay Nat. Hist. Soc.* 35: 670; 1932.
- Breadon, G. Local migration of the flying-fox (*Pteropus giganteus*) in the Punjab. *J. Bombay Nat. Hist. Soc.* 35: 438; 1931.
- Brenchley, J.L. Jottings during the cruise of HMS Curacao among the South Sea Islands in 1865. London: Longmans, Green & Co.; 1873. 487 p.
- Brennan, M.J.W.; Cantrill, R.C.; Warner, S.J.; van Der Westhuyzen, J.; Fernandes-Costa, F.; Kramer, S.; Metz, J. Amino acid transmitter transport in nerve endings from normal and vitamin B-12 deficient fruit bats. *Brain Res.* 200(1): 213-215; 1980.
- Bridges, J.W.; Rench, M.R.; Smith, R.L.; Williams, R.T. The fate of benzoic acid in various species. *Biochem. J.* 118(1): 47-51; 1970.
- Brosset, A. Bats of central and western India. *J. Bombay Nat. Hist. Soc.* 59(1): 1-57, 59(2): 583-624, 59(3): 707-746, 60(2): 337-355; 1962.
- Brosset, A. Les Chiropteres du Haut-Ivindo (Bagon). *Biol. Gabonica* 2: 47-86; 1966a.
- Brosset, A. La biologie des Chiropteres. Paris: Masson et Cie; 1966b.
- Brown, A.M. An investigation of the cochlear microphonic response of 2 species of echo locating bats *Rousettus aegyptiacus* and *Pipistrellus pipistrellus*. *J. Comp. Physiol.* 83(4): 407-413; 1973.
- Brown, R.J.; Cross, J.H.; Van Peenen, P.F.D.; Carney, W.P.; Saroso, J.S. Capillariid-like eggs in livers of bats from Indonesia. *Southeast Asian J. of Tropical Medicine and Public Health* 5(4): 599-600; 1974.
- Bruner, Phillip; Pratt, Douglas. Notes on the natural history of Micronesian bats. *Elepaio* 40(1): 1-4; 1979 July.
- Burck, W. Wandelingen door den Botanischen Tuin (in Treub; Lands' Plantentuin te Buitenzorg). Batavia: 1892.
- Cabera, A. Dos nuevos murcielagos frugivoros. *Bol. R. Soc. Esp. Hist. Nat.* 20: 106-108; 1920.
- Caldwell, J. Conjugation reactions. In: Jenner, P.; Testa, B., eds. *Drugs and the pharmaceutical sciences: vol. 10, part A, Concepts in drug metabolism*. New York: Marcel Dekker, Inc.; 1980: 211-250.
- Cansdale, G.S. Provisional checklist of Gold Coast mammals. Accra: Govt. Printing Dep.; 1948.
- Capel, I.D.; French, M.R.; Millburn, P.; Williams, R.I. The fate of carbon-14 in various species. *Xenobiotica* 2(1): 25-34; 1972.
- Card, G.; Compans, R.W. Structures and cytopathic effects of Nelson Bay virus. *J. Virol.* 6(1): 100-106; 1970.
- Carpenter, R.E. Flight metabolism of flying foxes. In: Wa, T.Y.T.; Brokaw, C.J.; Brennen, C., eds. *Swimming and flying in nature, vol. 2*. New York: Plenum; 1975: 883-890.
- Carpenter, Roger E. Old world fruit bats. In: Fowler, M.E., ed. *Zoo and wild animal medicine*. Philadelphia, PA: Saunders; 1978.
- Carroll, J.B. The general behavioral repertoire of the Rodrigues fruit bat *Pteropus rodricensis*, in captivity at the Jersey Wildlife Preservation Trust. *Dodo* 15: 51-59; 1978.
- Carroll, J.B. Behavioural observations on the Rodrigues fruit bat, *Pteropus rodricensis*, following a move to new accommodation and reversal of the light/dark regime. *Dodo* 16: 52-60; 1979.
- Carter, T.D.; Hill, J.E.; Tate, G.H. *Mammals of the Pacific world*. New York: Macmillan Company; 1945. 227 p.
- Castillo, O.; Lehmann, H. The myoglobin of the fruit bat *Rousettus aegyptiacus*. *Biochem. Biophys. Acta* 492(1): 232-236; 1977.

- Chakraborty, A.K.; Chakravarty, A.K. Plaque forming cell assay for antibody secreting cells in the bat *Pteropus giganteus*. Indian J. Exp. Biol. 21(1): 5-7; 1983.
- Chaturvedi, Y. Two new records of bats from Assam and Andaman Islands. Labdev. J. Sci. Technol. Part B. 7B(1): 74-75; 1969.
- Cheke, A.S.; Dahl, J.F. The status of bats on Western Indian Ocean islands with special reference to *Pteropus*. Mammalia 45(2): 205-238; 1981.
- Church, J.C.T. Cell quantitation in regenerating bat web muscle. In: Mauro, Alexander; Shafiq, Saiyid A.; Milhorat, Ade T. (eds.). International Congress Series No. 218. Regeneration of striated muscle, and myogenesis. Symposium; Excerpta Medica: Amsterdam, Netherlands; 1970: 101-117.
- Church, J.C.T.; Warren, D.J. Wound healing in the web membrane of the fruit bat. Br. J. Surg. 55(1): 26-31; 1968.
- Clapp, R.B. Mammals imported into United States in 1972. U.S. Fish and Wildlife Service Special Scientific Report: Wildlife No. 181; 1974. 46 p.
- Clapp, R.B.; Paradiso, J.L. Mammals imported into the United States in 1971. U.S. Fish and Wildlife Service Special Scientific Report: Wildlife No. 171; 1973. 51 p.
- Clunie, F. Long-tailed fruit bats as peregrine prey. Notornis 23(3): 245; 1976.
- Coe, M.J. Mammalian ecological studies on Mount Nimba, Liberia. Mammalia 39(4): 523-580; 1975.
- Coe, M.J.; Isaac, F.M. Pollination of the baobab (*Adansonia digitata* L.) by the lesser bush baby (*Galago crassicaudatus* E. Geoffroy). East Afr. Wildl. J. 3: 123-124; 1965.
- Cook, J.A. The feeding ecology of the Seychelles fruit bat *Pteropus seychellensis*. In: Racey, P.A. (ed.) Aberdeen University Expedition to the Seychelles 1977. Aberdeen Univ. Dep. of Zoology, Rep. Cyclostyled. 1979: 12-42.
- Cooper, J.G.; Bhatnagar, K.P. Morphology of the vomero-nasal organ in Chiroptera. Anat. Rec. 181(2): 527; 1975.
- Cooper, J.G.; Bhatnagar, K.P. Comparative anatomy of the vomero-nasal organ complex in bats. J. Anat. 122(3): 571-601; 1976.
- Cotter, J.R. Retinofugal projections of the tomb bat *Rousettus aegyptiacus*. 94th session of the American Association of Anatomists; 1981 April 19-23; New Orleans, LA: Anat. Rec. 199(3): 58A; 1981a.
- Cotter, J.R. Retinofugal projections of an echolocating Megachiropteran *Rousettus aegyptiacus*. Amer. J. Anat. 160(2): 159-174; 1981b.
- Cotter, J.R.; Pierson Pentney, R.J. Retinofugal projections in the giant flying fox *Pteropus giganteus*. Anat. Rec. 190(2): 369; 1978.
- Cotter, J.R.; Pierson Pentney, R.J. Retinofugal projections of non-echolocating *Pteropus giganteus* and echolocating *Myotis lucifugus* bats. J. Comp. Neurol. 184(2): 381-400; 1979.
- Coulanges, P.; Robin, T.; Le Gondidec, G.; Mayoux, A.; Bordahandy, R. Chiroptera and arboviruses on Madagascar, Malagasy-Republic. Isolation of strains of Dakar bat virus. Serologic study of fruit bats (Megachiroptera). Arch. Inst. Pasteur Madagascar 43(1): 109-118; 1975.
- Cox, P.A. Flying fox *Pteropus samoense* pollination and the maintenance of unisexuality in populations of *Freycinetia reineckeii* (Pandanaceae). Second international congress of systematic and evolutionary biology; 1980 July 17-24; Vancouver, British Columbia; University of British Columbia; 1980: 169. (Abstract)
- Crowle, P.K. Retinal projections in the Megachiropteran *Pteropus poliocephalus*. Anat. Rec. 175(2): 299; 1973.
- Cunningham van Someren, G.R. Some fruit bats eat leaves. EANHS (East Afr. Nat. Hist. Soc.) Bull. 2: 24-25; 1972.
- Cyprus, Ministry of Agriculture and Natural Resources. Annual report of the Dep. of Agric. for year 1977. Nicosia, Cyprus; 1978. 169 p.
- Cyprus, Ministry of Agriculture and Natural Resources. Annual report 1978. Nicosia, Cyprus; 1979. 138 p.
- Czarnecki, R.T.; Kallen, F.C. Cranio, facial, occlusal and masticatory anatomy in bats. Anat. Rec. 198(1): 87-106; 1980.
- Czekala, N.M.; Benirschke, K. Observations on a twin pregnancy in the African long-tongued fruit bat *Megaloglossus woermanni*. Bonn. Zool. Beitr. 25(4): 220-230; 1974.
- Dahl, J.F. Description and comparison of lemur and *Pteropus* behavior patterns by application of spatial sequential analytic techniques. Amer. J. Phys. Anthropol. 50(3): 431; 1979.
- Daniel, M.J. First record of an Australian fruit bat (Megachiroptera: Pteropodidae) reaching New Zealand. N.Z.J. Zool. 2(2): 227-232; 1975.

- Datta, M. Morphology of y and other chromosomes in Indian flying fox, *Pteropus giganteus giganteus*. Curr. Sci. 46(19): 687-688; 1977.
- Davis, D.D. The bacula of some fruit bats (*Pteropus*). Fieldiana Zool. 31: 125-131; 1947.
- Deblase, A.F. The bats of Iran; systematics, distribution, ecology. Fieldiana Zool. 0(4): 1-424; 1980
- Degener, O. Naturalists' South Pacific Expedition: Fiji. Honolulu, Hawaii: Paradise of the Pacific, Ltd.; 1949. 303 p.
- De Guedre, G.; De Vree, F. A cine radiographic analysis of chewing in *Pteropus giganteus*. Annual meeting of the American Society of Zoologists, American Microscopical Society, Animal Behavior Society, Crustacean Society, International Association of Astacology, and Society of Systematic Zoology, Louisville, KY, Dec. 27-30, 1982. Amer. Zool 22(4): 944; 1982 (Abstract)
- de Pousargues, E. Etude sur les mammiferus du Congo francais. Ann. Sci. Nat. Zool.), Ser. 8, 3: 129-416; 1896.
- Desch, C.E. Jr. *Demodex macroglossi* new species of demodicid mite (Acari: Prostigmata) from western Australia parasitic on *Macroglossus minimus* (Chiroptera: Pteropodidae). Rec. West. Aust. Mus. 9(1): 41-48; 1981.
- De Vis, C.W. Bats. Ann. Qd Mus. 6: 36-40; 1905.
- De Vree, F. Contribution a l'etude des Chiropteres de la Republique de Togo. Rev. Zool. Bot. Afr. 80(1-2): 200-207; 1969.
- De Vree, F. Contribution a l'etude des Chiropteres de la Republique du Togo. 2. Liste preliminaire des Chiropteres recoltes par la deuxieme mission zoologique belge au Togo. Rev. Zool. Bot. Afr. 82(1-2): 41-46; 1970.
- De Vree, F. Note sur une collection de Chiropteres ouest Africains, principalement de la Cote d'Ivoire. Rev. Zool. Bot. Afr. 83(1-2): 31-49; 1971.
- De Vree, F.; van der Straeten, E. Contribution a l'etude des Chiropteres de la Republique du Togo. 3. Liste preliminaire des Chiropteres recoltes par la troisieme mission zoologique belge au Togo. Rev. Zool. Bot. Afr. 83(1-2): 159-164; 1971.
- Dev Sharma, B. *Psammotettix striatus*, new record, a rare hemipteran ectoparasite of the flying foxes of Poonch, India. Curr. Sci. (Gangalore) 42(3): 108; 1973.
- Diamond, J.M.; Lecroy, M. Birds of Karkar Island and Bagabag Island; New Guinea. Bull. Amer. Mus. Nat. Hist. 164(4): 471-528; 1979.
- Di Maio, F.H.P.; Tonndorf, J. The terminal zone of the external auditory meatus in a variety of mammals. Arch. Otolaryngol. 104(10): 570-575; 1978.
- Dixon, P.A.F.; Caldwell, J.; Smith, R.L. Metabolism of aryl acetic acids. Part 1: The fate of 1 naphthyl acetic acid and its variation with species and dose. Xenobiotica 7(11): 695-706; 1977a.
- Dixon, P.A.F.; Caldwell, J.; Smith, R.L. Metabolism of aryl acetic acids. Part 3: The metabolic fate of diphenyl acetic acid and its variation with species and dose. Xenobiotica 7(12): 717-726; 1977b.
- Dixon, P.A.F.; Uwaifo, A.O.; Caldwell, J.; Smith, R.L. The conjugation of alpha naphthyl acetic acid in vivo. Biochem. Soc. Trans. 2(5): 879-881; 1974.
- Dobson, G.E. On the Pteropidae of India. J. Asiat. Soc. Beng. 42, Part II, S. 200; 1873.
- Dobson, G.E. Monograph of the Asiatic Chiroptera. London: Taylor and Francis; 1876. 228 p.
- Dobson, G.E. Catalogue of the Chiroptera in the Collection of the British Museum. London: Trustees British Museum; 1878. 567 p.
- Dobson, G.E. On the structure of the pharynx, larynx and hyoid-bones in the *Epomophori* with remarks on its relation to the habits of these animals. Proc. Zool. Soc. London 1881: 685-693.
- Doherty, R.L.; Standfast, H.A.; Domrow, R.; Wetters, E.J.; Whitehead, R.H.; Carley, J.G. Studies of the epidemiology of arthropod-borne virus infections at Mitchell River Mission, Cape York Peninsula, North Queensland. Part 4. Arbovirus infections of mosquitoes and mammals 1967-1969. Trans. R. Soc. Trop. Med. Hyg. 65(4): 504-513; 1971.
- Domrow, R. Acari (Spinturinicidae) from Australia and New Guinea. Acarologia 13(4): 552-584; 1972.
- Domrow, R. New records and species of *Laelaps* and allied genera from Australiasia (Acari: Dermanyssidae). Linnean Soc. of New South Wales Proc. 98: 62-85; 1973.
- Domrow, R. Oriental Mesostigmata (Acari) 7. A new ameroseiid from Malaya proper. Oriental Insects 14(4): 415-419; 1980, publ. 1981.

- Doyle, M.E. Factors affecting distribution of fauna in Gua Pondok. Malay. Nat. J. 23(1): 21-26; 1969-1970.
- Drahos, N.; Ikehara, I. Study of the fruit bat *Pteropus mariannus*. Agana, Guam: Guam Department of Agriculture. Job completion report, (W-4) FW-2-R-8; 1971.
- Drahos, N.; Strong, R. Zoological survey of Rota, M.I. 1977; 11 p. Unpublished manuscript on file at the Division of Aquatic and Wildlife Resources, Box 23367 GMF Guam; 1962.
- Dulic, B.; Mutere, F.A. Chromosomes of some east African bats. Saeugetierkd. Mitt. 25(3): 231-233; 1977.
- Duplaix-Hall, N., ed. International Zoo yearbook, volume 13. London: Zoological Society; 1973. 423 p.
- Du Preeze, J.S. A new locality record for *Eidolon helvum* (Megachiroptera). S. Afr. J. Sci. 65(2): 53; 1969.
- Dusbabek, F.; Bergmans, W. Spinturnicid mites from some Nigerian bats (Acarina: Spinturnicidae). Bull. Zool. Mus. Univ. Amst. 7(7): 65-72; 1980.
- Dwyer, P.D. Notes on *Dobsonia moluccensis* (Chiroptera) in the New Guinea highlands. Mammalia 39(1): 113-118; 1975.
- Dybowski, J. La Route du Tchad. Du Loango au Chari. Paris: De Firmin-Didot & Cie; 1893. 383 p.
- Edvinsson, L.; Huggel, H.J.; Nielsen, K.C.; Owman, C. Histochemistry of autonomic nerves in wing vessels of *Pteropus giganteus*, flying fox, and the effects of denervation. Cell Tissue Res. 152: 1-11; 1974.
- Ehinger, B. Ocular adrenergic neurons of the flying fox *Pteropus giganteus* (Megachiroptera). Z. Zellforsch. Mikrosk. Anat. 139(2): 171-178; 1973.
- Eisenberg, J.F. The social organization of mammals. Handbuch der Zoologie 10(7): 1-92; 1966.
- Eisenberg, J.F.; Wilson, D.E. Relative brain size and feeding strategies in the Chiroptera. Evolution 32(4): 740-751; 1978.
- Eisentraut, M. Der Rassenkreis *Rousettus aegyptiacus* E. Geoff. Bonn. zool. Beitr. 10: 218-235; 1959a.
- Eisentraut, M. Zur Kenntnis des westafrikanischen Flughundgattung *Scotonycteris*. Bonn. zool. Beitr. 10: 298-309; 1959b.
- Eisentraut, M. Die Wirbeltiere des Kamerungebirges. Hamburg and Berlin: Parey; 1963. 353p.
- Eisentraut, M. La faune de Chiropteres de Fernando-Po (1). Mammalia 28: 529-552; 1964.
- Eisentraut, M. Der Rassenkreis *Rousettus angolensis* (Bocage). Bonn. zool. Beitr. 16(1-2): 1-6; 1965.
- Eisentraut, M. Mammalogical reports from Cameroon. Bonn. zool. Beitr. 24(4): 355-360; 1973.
- Eisentraut, M.; Jansen, H. Biologie der flederhunde (Megachiroptera). Biologia Generalis (Wein) 18(3): 327-435; 1944.
- Ellerman, J.R.; Morrison-Scott, T.C.S. Checklist of Palaearctic and Indian mammals. London: Br. Mus; (Nat. Hist.); 1951.
- El-Sabban, M.S.; Fouad, M.S.; Hussein, N.; Sadek, B. Bats and their relation to rabies in the United Arab Republic. Bull. Off. Int. Epizoot. 67(3-4): 543-557; 1967.
- Erkert, H.G. The influence of the oscillation range of light dark cycles on the phase and rhythm in nocturnal animals; resynchronization of the circadian activity. J. Interdiscipl. Cycle Res. 7(1): 71-91; 1976.
- Erkert, H.G.; Bay, F.A.; Kracht, S. Zeitgeber induced modulation of activity patterns in nocturnal mammals (Chiroptera). Experientia (Basel) 32(5): 560-562; 1976.
- Erkert, S. Der Einfluss des Lichtes auf die Aktivitat von Flughunden. (The effect of light on the activity of fruit bats (Megachiroptera).) Z. Vgl. Physiol. 67(3): 243-272; 1970.
- Ette, S.I.; French, M.R.; Smith, R.L.; Williams, R.T. Glycine conjugation in the Indian fruit bat. FEBS (Federation of European Biochemical Societies) Letters 49(1): 134-136; 1974.
- Ewers, W.H. *Eperythrozoon mariboi* new species, a parasite of red blood cells of the flying fox *Pteropus macrotis epularius*, in New Guinea. Parasitology 63(2): 261-269; 1971.
- Ewers, W.H. A host-parasite list of the protozoan and helminth parasites of New Guinea mammals. Internat. J. for Parasitol. 3(1): 89-110; 1973.
- Ewers, W.H. *Pteropus* in the western district of Victoria. Aust. Bat Res. News 13: 6; 1974a.
- Ewers, W.H. Keeping bats in the laboratory. Aust. Bat Res. News 13: 6; 1974b.

- Fain, A. Notes on the nomenclature of idiosomal setae in the Myobiidae with description of new taxa (Acarina:Trombidiformes). *Acarologia* (Paris) 15(2): 289-309; 1973.
- Fain, A. Some myobiids from Eastern Asia and the Pacific area with description of a new species (Acarina:Myobiidae). *Bull. Ann. Soc. R. Entomol. Belge* 111(7-9): 187-192; 1975.
- Fain, A. Nouveaux Myobiidae parasites de Chiropteres (Acarina:Prostigmata). (New Myobiidae parasites of Chiroptera (Acarina:Prostigmata).) *Bull. Ann. Soc. R. Entomol. Belge* 114 (1-3): 62-76; 1978.
- Fain, A.; Lukoschus, F.S.; Nadchatram, M. The genus *Teinocoptes* Rodhain, 1923 (Acari, Astigmata, Teinocoptidae) in Malaysia and Indonesia. Description of three new species. *Bull. Ann. Soc. R. Entomol. Belge* 118 (1-3): 73-79; 1982.
- Fayenuwo, J.O.; Halstead, L.B. Breeding cycle of straw-colored fruit bat *Eidolon helvum* at Ile-Ife, Nigeria. *J. Mammal.* 55(2): 453-454; 1974.
- Felten, H. Flughunde der Gattung *Pteropus* von den Neuen Hebriden. *Senckenb. Biol.* 45(2): 87-92; 1964.
- Felten, H.; Kock, D. Weitene Flughunde den gattung *Pteropus* von der Neuen Hebriden, sowie den Banks — und Torres — Inseln, Pazitischen Ozean. (On further fruit bats of the genus *Pteropus* from the New Hebrides and from the Banks and Torres Islands, Pacific Ocean (Mammalia:Chiroptera).) *Senckenb. Biol.* 53(3-4): 179-188; 1972.
- Fenton, M.B. Observations on the biology of some Rhodesian bats, including a key to the Chiroptera of Rhodesia. *Contr. Life Sci. Div. R. Ont. Mus. No.* 104: 1-27; 1975.
- Ferrar, M.L. Daily flighting of flying foxes (*Pteropus giganteus* Brunn.). *J. Bombay Nat. Hist Soc.* 37: 214-215; 1934.
- Firbas, W. Anatomical adaptations of the hearing organ to perceiving high frequencies: A comparative anatomical study on bats. *Monatsschrift Fuer Ohrenheilkunde Und Laryngo-Rhinologie* 106(3/4): 105-156; 1972. (Summary in German and English)
- Firbas, W.; Sinzinger, H. The spinal ganglion of the Chiroptera. *Z. Saeugetierkd.* 37(6): 321-326; 1972.
- Firbas, W.; Welleschik, B. A quantitative study on the spinal ganglion of the Chiroptera. *Period. Biol.* 75(1): 67-70; 1973.
- Fletcher, T.B. Flying-foxes (*Pteropus medius*) at Barberyn. *Spolia Zeylan.* 4, Teil XIII, S. 35-37; 1906.
- Fletcher, T.B. Leaves from my log: Flying-foxes (*Pteropus medius*) at Barberyn. *Spolia Zeylan* 5, Teil XVII, S. 62; 1907.
- Flower, S.S. Notes on recent mammals of Egypt. *Proc. Zool. Soc. London* 102: 369-450; 1932.
- Folayan, J.O.; Okunade, W.G.; Ngaha, E.O. Partial purification and characterization of bat *Eidolon helvum* liver arginase. *West Afr. J. Pharmacol. Drug Res.* 5(1): 71-76; 1979.
- Folsch, D. Vor-und Nachgeburtssphasen bei drei Flughundgeburten, *Pteropus giganteus* (Brunnich, 1782). (Pre-partum and post-partum phases of three *Pteropus giganteus* births). *Z. Saeugetierkd.* 32(6): 375-377; 1967.
- Funaioli, U.; Lanza, B. On some bats from Somalia. *Monit. Zool. Ital.* 2 (Suppl): 199-202; 1968.
- Funmilayo, Oluwadare. Diet and roosting damage and environmental pollution by the straw-colored fruit bat in south-western Nigeria. *Nigerian Field* 41(3): 136-142; 1976 September.
- Funmilayo, Oluwadare. Ecology of the straw-colored fruit bat *Eidolon helvum* in Nigeria, *Rev. Zool. Afr.* 93(3): 589-600; 1979.
- Gadegone, M.M.; Sapkal, V.M. Cervical mucins of Indian fruit bat *Rousettus leschenaulti*. *Acta Histochem. Cytochem.* 14(4): 336-342; 1981.
- Gadkari, D.A.; Banerjee, K.; Bhat, H.R. Critical evaluation of Kyasanur forest disease virus neutralizing antibodies found in bats, a preliminary report. *Indian J. Med. Res.* 64(1): 64-67; 1976.
- Gaisler, J.; Barus, V. Scale structure of the hair of certain supposedly primitive bats (Chiroptera). *Folia Zool.* 27(3): 211-218; 1978.
- Gaisler, J.; Madkour, G.; Pelikan, J. On the bats (Chiroptera) of Egypt. *Prirodoved. Pr. Ustavu. Cesk. Akad. Ved. Brne. (Acta. Sc. Nat. Brno.)* 6(8): 1-40; 1972.
- Galil, J.; Stein, M.; Horovitz, A. On the origin of the sycamore fig (*Ficus sycomorus*) in the Middle-East. *Gard. Bull. (Singapore)* 29: 191-206; 1977.
- Gallagher, Michael D.; Harrison, David L. Report on the bats (Chiroptera) obtained by the Zaire River Expedition. *Bonn. Zool. Beitr.* 28(1-2): 19-32; 1977.

- Gard, G.P.; Marshall, I.D. Nelson Bay virus a novel reovirus. Arch. Gesamte Virusforsch. 43(1-2): 34-42; 1973.
- Garnham, P.C.C. Distribution of malaria parasites in primates, insectivores and bats. Zoological Soc. of London, Symposia 33: 377-404; 1973.
- Ginther, O.J. Local utero-ovarian relationship. J. Anim. Sci. 26(3): 578-585; 1967.
- Goff, M.L. A new species of *Whartonia* (Acari:Trombiculidae) from New Guinea fruit bats, redescription of *Whartonia penthetor* and designation of a lectotype. J. Med. Entomol. 17(6): 494-497; 1980.
- Goff, M.L. Two new species of chiggers (Acari:Trombiculidae) from the Philippine Islands; J. Med. Entomol. 18(1): 69-72; 1981.
- Gopalakrishna, A. Post-partum pregnancy in the Indian fruit-bat (*Rousettus leschenaulti* Desmarest). Curr. Sci. 33: 558-559; 1964.
- Gopalakrishna, A. Unusual persistence of the corpus luteum in the Indian fruit bat, *Rousettus leschenaulti* (Desmarest) Curr. Sci. 38: 388-389; 1969a.
- Gopalakrishna, A. Gestation period of some Indian bats. J. Bombay Nat. Hist. Soc. 66: 317-322; 1969b.
- Gopalakrishna, A. Uterus-blastocyst relationship in Chiroptera: Part I. Topographical relationship between the uterus and the blastocyst in bats. J. Zool. Soc. India 23(1): 55-61; 1971.
- Gopalakrishna, A.; Choudhari, P.N. Breeding habits and associated phenomena in some Indian bats. Part I. *Rousettus leschenaulti* (Megachiroptera). J. Bombay Nat. Hist. Soc. 74(1): 1-16; 1977.
- Gopalakrishna, A.; Karim, K.B. Localized progesterational endometrial reaction in the uterus of the Indian fruit bat *Rousettus leschenaulti*. Curr. Sci. (India) 40(18): 490-491; 1971.
- Gopalakrishna, A.; Karim, K.B. The yolk sac gland in the Indian fruit bat *Rousettus leschenaulti*. Curr. Sci. (Bangalore) 41(17): 639-641; 1972.
- Gopalakrishna, A.; Karim, K.B. Secretory blebs from the seminal vesicles of the Indian bat *Rousettus leschenaulti*. Curr. Sci. (Bangalore) 43(12): 383-384; 1974.
- Gopalakrishna, A.; Madhavan, A. Sex ratio in some indian bats. J. Bombay Nat. Hist. Soc. 67(2): 171-175; 1970.
- Gopalakrishna, A.; Madhavan, A.; Thakur, R.S.; Rajgopal, G. The graafian follicle in some Indian bats. Curr. Sci. (Bangalore) 43(13): 400-402; 1974.
- Gopalakrishna, A.; Murthy, K.V.R. Utero-ovarian junction in two species of bats. Bull. Zool. Soc., Coll. Sci. Nagpur. 3: 19-28; 1960.
- Gopalakrishna, A.; Phansalkar, R.B.; Sahasrabudhe, J.D. Degeneration of the inseminated spermatozoa after ovulation in two species of Indian bats. Curr. Sci. 39(21): 489-490; 1970 November 5.
- Gopalakrishna, A.; Rajgopal, G. Follicular atresia in some bats. Curr. Sci. 43(15): 484-486; 1974.
- Gould, E. Foraging behavior of *Pteropus vampyrus*, flying foxes, on the flowers of *Durio zibethinus*. Malay. Nat. J. 30(1): 53-57; 1977 August.
- Gould, E. Foraging behavior of Malaysian nectar feeding bats. Biotropica 10(3): 184-193; 1978.
- Gould, E. Neonatal vocalizations of ten species of Malaysian bats Megachiroptera and Microchiroptera. In: Proceedings of the symposium on ultrasonic communication in rodents; 1978 December; Richmond, VA; Amer. Zool. 19(2): 481-492; 1979.
- Gould, J. The mammals of Australia, vol. 3. London: 1863.
- Grandidier, G. Nouvelle espece de chauve-souri frugivore, *Rousettus madagascariensis* G. Grand-Bull. Acad. Malgache 1928: 91-93.
- Grasse, P.P. Ordre des Chiropteres. In: Traite de Zoologie, 17. Paris: Masson et Cie; 1955: 1729-1805.
- Green, R.; Myers, P.; Jacobsen, D. Trans cobalamins during induction of nutritional cobalamin deficiency in the fruit bat *Rousettus aegyptiacus*. In: Zagalak, B.; Friedrich, W., eds. Vitamin B-12. Proc. 3rd. European symposium on vitamin B-12 and intrinsic factor, 1979 March 5-8; Zurich, Switzerland: Berlin, West Germany; New York, NY: Walter de Gruyter and Co.; 1979: 867-872.
- Green, R.; van Tonder, S.V.; Cole, G.; Metz, J. Use of the fruit bat *Rousettus aegyptiacus* as an experimental model for the study of vitamin B-12 deficiency. S. Afr. J. Lab. Clin. Med. 20(2): 1231; 1974.
- Green, Ralph; van Tonder, Susan V.; Oettle, G. Julien; Cole, Gillian; Metz, Jack, Neurological changes in fruit bats deficient in vitamin B-12. Nature, UK 254(5496): 148-150; 1975.

- Griffin, D.R. More about bat radar. In: Wessells, Norman K., ed. Readings from Scientific American. Vertebrate structures and functions. San Francisco, CA: W.H. Freeman and Company; 1974: 318-322.
- Grinnel, A.D.; Hagiwara, S. Studies of auditory neurophysiology in non echo-locating bats and adaptations for echo-location in one genus, *Rousettus amplexicaudatus*. Z. Vgl. Physiol. 76(1): 82-96; 1972.
- Guillon, J.C. An experimental model of herpes virus infection skin infection in mice by herpes virus. Stal. Sci. Tech. Anim. Lab. 1(2): 79-88; 1976.
- Guillon, J.C.; Gresser, I. Role of interferon in the pathogenesis of an experimental herpes virus infection in mice. Ann. Microbiol. (Paris) 129(2): 207-216; 1978. (In French)
- Guillon, J.C.; Vincent, J.; Boche, R.; Launay, F.; Heme, G.; Benoist, J. Segmental neuroproboscias caused by a herpes virus isolated from bats *Eidolon helvum*. Bull. Inst. Pasteur 73(1): 45-63; 1975.
- Gunther, A. A contribution to the fauna of Savage Island. Proc. Zool. Soc. Lond.: 295-297; 1926.
- Gupta, R.B.; Agarwal, T.C. Study of some blood parameters in four small mammals of Aligarh. Indian Sci. Cong. Asso. Proc. 60: 484; 1973.
- Gupta, R.B.; Mathur, R.; Yadav, B.L. Cholinesterase activity in the great blood vessels of the heart of *Pteropus giganteus*. Acta Physiol. Pol. 32(2): 181-186; 1981.
- Hackethal, H. Towards the comparative anatomy of the cerebellum of chiropterans. Periodicum Biologorum 75(1): 71-76; 1973. (In German)
- Hadden, D. Birds of the North Solomons. Wau Ecology Institute 8: 32; 1981.
- Hafez, M.; Hilali, M.; Fouda, M. Laboratory studies on the general biology of the bat fly *Eucampsipoda hyrtlui* (Kolenati) (Diptera: Nycteribiidae) in Egypt. J. Egypt. Soc. Parasitol. 8(2): 259-278; 1978.
- Haiduk, M.W.; Baker, R.J.; Robbins, L.W.; Schlitter, D.A. Chromosomal evolution in African Megachiroptera; g band and c band assessment of the magnitude of change in similar standard karyotypes. Cytogenet. Cell Genet. 29(4): 221-232; 1981.
- Haiduk, M.W.; Robbins, L.W.; Robbins, B.L.; Schlitter, D.A. Karyotypic studies of 7 species of African megachiropterans (Mammalia: Pteropodidae). Ann. Carnegie Mus. 49(12): 181-191; 1980.
- Hall, L.S. Flying foxes in Canberra and south-eastern Australia. Aust. Bat Res. News 12: 2-3; 1973.
- Hall, L.S.; Richards, G.C. Bats of eastern Australia. Queensland Museum Booklet 12. 1979. 66 p.
- Halstead, L.B. Fruit bats—an example of wildlife management. Nigerian Field 42(2): 50-57; 1977.
- Haltenorth, T. Mountain mammals: survey. Säugetierkd. Mitt. 23(2): 112-137; 1975. (In German)
- Hamilton-Smith, E. The present knowledge of Australian Chiroptera. Aust. Mammal. 1(2/3): 95-108; 1974.
- Happold, D.C.D.; Happold, M. The fruit bats of Western Nigeria. Parts 1-3. Nigerian Field 43(1): 30-37, 43(2): 72-77, 43(3): 121-127; 1978.
- Harada, M.; Minezawa, M.; Takada, S.; Yenbutra, S.; Nunkakdee, P.; Ohtani, S. Karyological analysis of 12 species of bats from Thailand. Caryologia 35(2): 269-278; 1982.
- Harris, B.J.; Baker, H.G. Pollination in *Kigelia africana* Benth. J. West African Sci. Assoc. 4: 25-30; 1958.
- Harris, B.J.; Baker, H.G. Pollination of flowers by bats in Ghana. Nigerian Field 24: 151-159; 1959.
- Harrison, J.L. Fruit bats. Malay. Nat. J. 7: 125-132; 1952 Dec.
- Harrison, J.L. Malayan bats. Malayan Mus. Pamphlet No. 8; 1956. 17 p.
- Harrison, D.L. The mammals of Arabi I. Insectivora, Chiroptera, Primates. London: Ernest Benn, Ltd.; 1964.
- Hatten, B.A.; Lutskus, J.H.; Sulkin, S.E. A serologic comparison of bat complements. J. Exp. Zool. 186(2): 193-206; 1973.
- Hattingh, J. Abnormal cells in the stratum corneum. S. Afr. J. Sci. 69(9): 278-279; 1973.
- Hayman, R.W. A new *Scotonycteris*, with notes on other Gold Coast bats. Ann. Mag. Nat. Hist. 11: 766-775; 1946.
- Hayman, R.W. A new race of *Scotonycteris zenkeri* from the the Gold Coast. Ann. Mag. Nat. Hist. for 1946, (11)13: 503-504; 1947.
- Hayman, R.W. Chiroptera. In: Preliminary identification manual for African mammals, Vol. 11. Washington, DC: Smithsonian Institution; 1967. 155 p.

- Hayman, R.W.; Hill, J.E. Chiroptera. In: Meester, J.; Setzer, H.W., eds. The mammals of Africa: an identification manual, No. 2. Washington, DC; Smithsonian Institution; 1971.
- Hayman, R.W.; Misonne, X.; Verheyen, W. The bats of the Congo and of Rwanda and Brundi. Anns. Mus. Afr. Cent. (Ser.) 154: 1-105; 1966.
- Heide, F. Observation on the pollination of some flowers in the Dutch East Indies. Dansk. Bot. Ark. 5(3): 1-42; 1927.
- Heran, I. Skull deformation in *Eidolon helvum sabelum*. Vestn. Cesk. Spol. Zool. 19(4): 306-308; 1965.
- Herreid, C.F., II; Bretz, W.L.; Schmidt-Neilsen, K. Cutaneous gas exchange in bats. Amer. J. Physiol. 215(2): 506-508; 1968.
- Herzig-Straschil, B.; Robinson, G.A. Ecology of the fruit bat *Rousettus aegyptiacus leachi* in the Tsitsikama Coastal National Park, South Africa. Koedoe 0(21): 101-110; 1978.
- Heuglin, Th. v. *Pteropus palmarum* P1 Hgl.-Leopoldina 1865, H. 5, s. 34.
- Heurn, W.C. van. Bestuiving van *Parkia* door Vleermuizen. Trop. Natuur. 18: 140; 1929.
- Hill, J.E. The mammals of Rennell Island. Nat. Hist. Rennell Island, Brit. Solomon Isl. 1: 73-84; 1956.
- Hill, J.E. Fruit-bats from the Federation of Malaya. Proc. Zool. Soc. Lond. 136: 629-642; 1961.
- Hill, J.E. The bats of the Andaman and Nicobar Islands. J. Bombay Nat. Hist. Soc. 64: 1-9; 1967.
- Hill, J.E. The bats of Aldabra Atoll, western Indian Ocean. Philos. Trans. R. Soc. Lond. B. Biol. Sci. 260(1): 573-576; 1970.
- Hill, J.E. A note on *Pteropus* (Chiroptera:Pteropodidae) from the Andaman Islands. J. Bombay. Nat. Hist. Soc. 68(1): 1-8; 1971.
- Hill, J.E. New records of bats from southeastern Asia with taxonomic notes. Bull. Br. Mus. (Nat. Hist.) Zool. 27(2): 127-138; 1974.
- Hill, J.E. The flying fox *Pteropus tonganus* in the Cook Islands and on Niue Island, Pacific Ocean. Acta Theriol. 24(1-11): 115-117; 1979.
- Hill, J.E. Records of bats from Mount Nimba; Liberia. Mammalia 46(1): 116-120; 1982.
- Hill, J.E. Further records of bats from Central-African-Republic (Mammalia:Chiroptera). Ann. Carnegie Mus. 52(3): 55-58; 1983.
- Hill, J.E.; Beckon, W.N. A new species *Pteralopex* Thomas, 1888 (Chiroptera:Pteropodidae) from the Fiji Islands. Bull. Br. Mus. (Nat. Hist.) Zool. 34(20): 65-82; 1978.
- Hill, J.E.; Boeadi, B. A new species of *Megaerops* new-record from Java (Chiroptera:Pteropodidae). Mammalia 42(4): 427-434; 1978.
- Hill, J.E.; McNeely, Jeffrey A. The bats and bat parasites of Thailand. Rep. No. FE-516-1 (final rep.) Bangkok, Thailand: Applied Sci. Res. Corp. of Thailand; 1975 May.
- Hill, J.E.; Morris, P. Bats from Ethiopia collected by the Great Abbai Expedition 1968. Bull. Br. Mus. (Nat. Hist.) Zool. 21(2): 27-49; 1971.
- Hill, J.E.; Thonglongya, K. Bats from Thailand and Cambodia. Bull. Br. Mus. (Nat. Hist.) Zool. 22(6): 173-196; 1972.
- Hoehne, K.; Loose, B.; Seeliger, H.P.R. Isolation of *Listeria monocytogenes* in slaughter animals and bats of Togo, West Africa. Ann. Microbiol. (Paris) 126A(4): 501-508; 1975.
- Holyoak, D.T.; Thibault, J.C. Notes on the phylogeny, distribution and ecology of frugivorous pigeons in Polynesia. Emu 78(4): 201-206; 1978.
- Hope, J.H. Mammals of the Bass Strait Islands. Royal Soc. of Victoria Proc. 85(2): 163-195; 1973.
- Hoshi, H. Comparative morphology of the mammalian mandible in relation to food habit. Okajimas Folia Anatomica Japonica 48(5): 333-345; 1971.
- Howell, K.M. Natural destruction of Kaolin Mine bat roosts in Tanzania. Bat Res. News 20(1): 8; 1979.
- Howell, D.J.; Hodgkin, N. Feeding adaptations in the hairs and tongues of nectar feeding bats. J. Morphol. 148(3): 329-336; 1976.
- Howland, H.C.; Murphy, C.J.; Kwiecinski, G.; Kern, T.; Kallen, F. Visual accommodation in the flying fox *Pteropus giganteus*. Association for Vision and Ophthalmology Incorporated, Sarasota, FL, May 2-7, 1982. Invest Ophthalmol. Visual Sci. 22 (3 Suppl.): 126; 1982. (Abstract)

- Hsu, T.C.; Benirschke, K. *Pteropus giganteus* (flying fox). An atlas of mammalian chromosomes. Vol. 7, Folio 304. New York: Springer Verlag; 1973. 2 p.
- Huggel, H.; Johansson, B.; Peristiany, J. Sucrose gap recording of electrical and mechanical activity in the smooth muscle of the isolated metacarpal vein of the bat. *Experientia* (Basel) 29(8): 977-978; 1973.
- Hussein, M.F.; Mohamed, M.I.; Elashry, L. Normal distribution of amino acids in the brain and spinal cord of two mammalian animals. *Bull. Fac. Sci. Cairo Univ.* (48): 163-170; 1975 (1979).
- Hyndman, D.; Menzies, J.I. *Aproteles bulmerae* (Chiroptera: Pteropodidae) of New Guinea is not extinct. *J. Mammal.* 61(1): 159-160; 1980.
- Idle, J.R.; Milburn, P.; Williams, R.T. Benzoyl glutamic acid, a metabolite of benzoic acid in Indian bats. *FEBS* (Fed. Eur. Biochem. Soc.) Lett. 59(2): 234-236; 1975.
- Jackson, W.B. Important faunal elements. In: Storer, T.I., ed. *Pacific Island rat ecology*. B.P. Bishop Mus. Bull. 225; 1962: 19-20.
- Jacobsen, N.H.G.; du Plessis, E. Observations on the ecology and biology of the Cape fruit bat *Rousettus aegyptiacus leachi* in the eastern Transvaal. *S. Afr. J. Sci.* 72(9): 270-273; 1976.
- Jaeger, P. Epanouissement et pollination de la fleur du baobab. *C.R. Hebd. Seances Acad. Sci., Paris* 220: 369; 1945.
- Jaeger, P. Contribution to the study of pollination by bats. *Bull. Inst. Fondam. Afr. Noire Ser. A Sci. Nat.* 36(4): 886-899; 1974.
- Jansen, H.; Eisentraut, M. Biologie der Flederhunde (Megachiroptera). *Biol. Gen.* 18: 327-435; 1945.
- Jaroli, D.P.; Lall, S.B. Ovarian and uterine acid phosphatase lactating females of *Pteropus giganteus giganteus* Brunnich (Megachiroptera:Mammalia). *Curr. Sci.* 49(4): 135-138; 1980a.
- Jaroli, D.P.; Lall, S.B. A comparison of uterine acid phosphatases of the giant fruit bat *Pteropus giganteus giganteus* during nonpregnant and pregnant state. *Indian J. Exp. Biol.* 18(8): 811-813; 1980b.
- Jentink, F.A. Catalogue osteologique Museum d'histoire Naturelle des Pays Bas 9(1). Leiden: E.J. Brill; 1887. 360 p.
- Jentink, F.A. On the New Guinea mammals. *Notes Leyden Mus.* 28(14): 161-212; 1906.
- Johnson, D.H. Rodents and other Micronesian mammals collected. In: Storer, T.I., ed. *Pacific Island Rat Ecology*. B.P. Bishop Mus. Bull. 225; 1962: 21-38.
- Johnson, R.A.; Titlebaum, E.L. Energy spectrum analysis: a model of echolocation processing. *J. Acoust. Soc. Amer.* 60(2): 484-491; 1976.
- Jones, C. The bats of Rio Muni, West Africa. *J. Mammal.* 52: 121-140; 1971.
- Jones, C. Comparative ecology of three pteropid bats in Rio Muni, West Africa. *J. Zool. Proc. Zool. Soc. Lond.* 167(3): 353-370; 1972.
- Jones, G.S. Selective roosting of *Pteropus arquatus*. *Malay. Nat. J.* 26(1-2): 55; 1973.
- Jones, G.S. Catalogue of the type specimens of mammals of Taiwan. *Taiwan Shengli Powukuan Chik'an* 28(1/2): 182-217; 1975. (English title: Taiwan Museum, Taipei, Quarterly Journal).
- Jones, G.S.; Maa, T.C. *Scotophilus kuhlii*, new record, from Sulawesi, Celebes, Indonesia, with notes on three other species. *J. Mammal. Soc. Jpn.* 7(1): 35-38; 1976.
- Kaisila, J. The Egyptian fruit-bat, *Rousettus aegyptiacus* Geoffr. (Megachiroptera:Pteropodidae), visiting flowers of *Bombax malabaricum*. *Ann. Zool. Fenn.* 3: 1-3; 1966.
- Kamiya, T.; Porlot, P. Comparative gastric morphology of old-world bats. Part 1. In light microscopy. *J. Mammal. Soc. Jpn.* 6(4): 145-154; 1975.
- Kao, V.S. New data on the morphology and biology of some rare small mammals from North Vietnam. *Zool. Zh.* 55(12): 1880-1885; 1976.
- Karim, K.B. Giant cells in the placenta of two species of Indian bats. *Curr. Sci. (Bangalore)* 42(8): 282-284; 1973.
- Karim, K.B. Utero-vaginal junction in Indian fruit bat, *Rousettus leschenaulti* (Desmarest). *Curr. Sci.* 44(19): 706-707; 1975.
- Karim, K.B.; Wimsatt, W.A.; Enders, A.C.; Gopalakrishna, A. Electron microscopic observations on the yolk sac of the Indian fruit bat *Rousettus leschenaulti* (Pteropidae). *Anat. Rec.* 195(3): 493-510; 1979.
- Karim, K.B.; Wimsatt, W.A.; Gopalakrishna, A. Structure of the definitive placenta in the Indian bat *Rousettus leschenaulti* (Pteropidae). *Anat. Rec.* 190(2): 438; 1978.

- Keegan, D.J. Aspects of the absorption of fructose in *Rousettus aegyptiacus*. S. Afr. J. Med. Sci. 40(2): 49-55; 1975.
- Keegan, D.J. Comparison of the absorption of glucose and fructose in the bat *Rousettus aegyptiacus* and the rat *Rattus norvegicus*. S. Afr. J. Med. Sci. 41(1): 61; 1976.
- Keegan, D.J. Digestion of sucrose by fruit bat *Rousettus aegyptiacus*. S. Afr. Med. J. 52(10): 407; 1977a.
- Keegan, D.J. Aspects of the assimilation of sugars by *Rousettus aegyptiacus*. Comp. Biochem. Physiol. Part A. Comp. Physiol. 58(4): 349-352; 1977b.
- Keegan, D.J. Restraining cage and method for bleeding fruit bats (*Rousettus aegyptiacus*). Lab. Anim. Sci. 29(3): 402-403; 1979.
- Keegan, D.J. The lack of an active glucose transport system in the bat *Rousettus aegyptiacus* intestine. Annual meeting of the Physiological Society of Southern Africa; 1980 October 15-16; Port Elizabeth, South Africa; S. Afr. J. Sci. 76(12): 570-571; 1980. (Abstract)
- Keegan, D.J. Changes in skeletal muscle mass in *Rousettus aegyptiacus* in captivity. Annual Congress of the Physiological Society of Southern Africa, Johannesburg, South Africa, Oct. 14-16, 1981, S. Afr. J. Sci. 78(2): 88; 1982. (Abstract)
- Keegan, D.J.; Levine, L.S. Insulin-like activity in the fruit bat, *Rousettus aegyptiacus*. S. Afr. J. Sci. 76(3): 132-133; 1980.
- Keegan, D.J.; Levine, L.S.; Balgobind, N.D. Absorption of calcium in the small intestine of the bat, *Rousettus aegyptiacus*. S. Afr. J. Sci. 76(17): 328; 1980.
- Keegan, D.J.; Modinger, R. Structure of mucosal cell of small intestine of *Rousettus aegyptiacus*. S. Afr. Med. J. 52(9): 373-374; 1977.
- Keegan, D.J.; Modinger, R. Microvilli of the intestinal mucosal cells of *Rousettus aegyptiacus*. S. Afr. J. Zool. 14(4): 220-223; 1979.
- Keegan, D.J.; van der Westhuyzen, J. Pancreas of *Rousettus aegyptiacus*. S. Afr. J. Med. Sci. 41(1): 61-62; 1976.
- Kemp, G.E.; Causey, O.R.; Moore, D.L.; Odelola, A.; Fabiyi, A. Mokola virus: further studies on iban-27377, a new rabies related etiologic agent of zoonosis in Nigeria. Amer. J. Trop. Med. Hyg. 21(3): 356-359; 1972.
- Khan, H.B.; Bakr, A. The postcranial skeleton of the common flying fox *Pteropus giganteus*. Proc. Pak. Sci. Conf. 25(3): D-39; 1974.
- Khaparde, M.S. Interspecific relationship in some species of Indian bats with a note on bat fauna of Bhubaneswar, India. J. Bombay Nat. Hist. Soc. 76(3): 499-500; 1979.
- Kingdon, J. Hornbills and bats. EANH (East Afr. Nat. Hist. Soc.) Bull. 160; 1973 December.
- Kingdon, F. East African mammals, an atlas of evolution in Africa. 2(A) (Insectivora and bats). London; New York: Academic Press; 1974.
- Kitchener, D.J. Mammals of the Ord River area, Kimberley, Western Australia. Western Australia Museum, Perth, Records 6(2): 189-219; 1978.
- Kleinschmidt, T.; Braunitzer, G. The primary structure of the Egyptian fruit bat *Rousettus aegyptiacus* (Chiroptera) hemo globin. Hoppe-Seyler's Z Physiol. Chem. 363(10): 1209-1216; 1982. (In German)
- Klima, M.; Gaisler, J. Study on growth of juvenile pelage in bats. Part 4. Desmodontidae, Pteropodidae. Zool. Listy 17(3): 211-220; 1968.
- Kloes, U. The new nocturnal house at the West Berlin Zoo. In: Olney, P.J., ed. International Zoo Yearbook, vol. 17. London: Zoological Society of London; 1977: 229-231.
- Klompen, J.S.H.; Lukoschus, F.S.; Fain, A.; Nadchatram, M. Description of a bat parasite, *Chirobiaeonycteris* n. sp. (Acari: Astigmata: Teinocoptidae) from Malaysia. Malayan Nature J. 36(1): 51-59; 1982.
- Kloss, C.B. A list of bats occurring in the Peninsula Region (Malaya), with key to species. J. Fed. Malay States Mus. 2: 151-161; 1908.
- Kniest, F.M.; Lukoschus, F.S. Parasites of western Australia 13. *Demodex bicaudatus* new species of demodicid mite from the meibomian glands of the bat *Macroglottus minimus*. Rec. West. Aust. Mus. 9(2): 111-118; 1981.
- Kobayashi, H.; Uemura, H.; Wada, M.; Takei, Y. Angiotensin and drinking behavior. Gen. Comp. Endocrinol. 34(1): 93; 1978.
- Kock, D. Die Fledermaus—Fauna des Sudan (Mammalia: Chiroptera) Abhandl. Senck. Natf. Ges. 521: 1-238; 1969a.
- Kock, D. A new genus and species of cynopterine fruit bats from Mindanao, Philippines (Mammalia: Chiroptera). Senckenb. Biol. 50(5-6): 319-327; 1969b.
- Kock, D. *Dyacopterus spadiceus* on the Philippines (Mammalia: Chiroptera). Senckenb. Biol. 50(1-2): 1-7; 1969c.

- Kock, D. A remarkable new genus and species of fruit bat from Luzon Island, Philippines (Mammalia:Chiroptera). Senckenb. Biol. 50(5-6): 329-338; 1969d.
- Kock, D. Fruit bats and bat flowers. EANHs (East Afr. Nat. Hist. Soc.) Bull. 7: 123-125; 1972.
- Kock, D. A *Suncus mertensi*, new-species, from Flores Lesser Sunda Islands (Mammalia:Insectivora). Senckenb. Biol. 55(4-6): 197-204; 1974.
- Kock, D. Comparative study of some mammals in the south of Niger, north central Africa. Senckenb. Biol. 58(304): 113-136; 1977.
- Koeman, J.H.; Takken, W. Report on present knowledge of the impact of tsetse control operations. Third session joint FAO/ICP task force on anim. trypan. and tsetse control: 1977 May 27; Rome. FAO Access No. 37288.
- Koopman, K.F. Taxonomic and distributional notes on southern African bats. Puku 4: 155-165; 1966.
- Koopman, K.F. Bats of the Sudan. Bull. Amer. Mus. Nat. Hist. 154(4): 353-444; 1975.
- Koopman, K.F. Catalog of type specimens of recent mammals in the Academy of Natural Sciences at Philadelphia. Acad. Nat. Sci. Philadelphia Proc. 128: 1-24; 1976.
- Koopman, K.F. Zoogeography of mammals from islands off the northeastern coast of New Guinea. Amer. Mus. Novit. 2690: 1-17; 1979.
- Koopman, Karl F.; Cockrum, E. Lendell. Bats. In: Anderson, Sydney; Jones, J. Knox, Jr., eds. Recent mammals of the world: A synopsis of families. New York: Ronald Press; 1967: 109-150.
- Koopman, Karl F.; Mumford, Russell E.; Heisterberg, Jon F. Bat records from Upper Volta West Africa. Amer. Mus. Novit. (2643): 1-6; 1978.
- Kowalski, K. Mammalian fauna of Japan. Przegl. Zool. 20(2): 185-194; 1976.
- Krishnasamy, M.; Singh, M.; Iyamperumal, R. *Makifilaria inderi*, new genus, new species (Filarioidea:Onchocercidae) from the island flying fox *Pteropus hypomelanus* in Malaysia. Southeast Asian J. Trop. Med. Public Health 12(2): 185-188; 1981.
- Krutzsch, P.H. Variation in the os penis of tropical fruit bats. J. Mammal. 40: 387-392; 1959.
- Krutzsch, P.H. Additional data on the os penis of Megachiroptera. J. Mammal. 43: 34-42; 1962.
- Krutzsch, P.H.; Beck, A.J. Reproductive biology of the pteropid bat *Eonycteris spelaea*. Anat. Rec. 181(2): 01; 1975.
- Krzanowski, A. Bibliography of bats Mammalia:Chiroptera, 1958-67, Krakow, Poland: Institute of Systematic and Experimental Zoology, Polish Academy of Sciences; 1967. 599 p.
- Krzanowski, A. The easternmost occurrence of bats in Polynesia. Acta Theriol. 22(9-19): 271-272; 1977.
- Kuhn, H.J. *Scotonycteris zenkeri* Matschie, 1894 in Liberia. Bonn. Zool. Beitr. 12: 230-234; 1961 (1962).
- Kuhn, H.J. A provisional check-list of the mammals of Liberia. (With notes on the status and distribution of some species). Senckenberg. Biol. 46(5): 321-340; 1965.
- Kulzer, E. Untersuchungen über die Biologie von Flughunden der Gattung *Rousettus* Gray. Z. Morphol. Tiere 47: 374-402; 1958.
- Kulzer, E. Physiologische und morphologische Untersuchungen über die Erzeugung Orientierungslaute von Flughunden der Gattung *Rousettus*. Z. Vergl. Physiol. 43: 231-268; 1960.
- Kulzer, E. Temperaturregulation bei Flughunden der Gattung *Rousettus* Gray. Z. Vergl. Physiol. 46: 595-618; 1963.
- Kulzer, E. Die Geburt bei Flughunden der Gattung *Rousettus* Gray (Megachiroptera). Z. Säugetierkd. 31: 226-233; 1966.
- Kulzer, E. Der Flug des afrikanischen Flughundes *Eidolon helvum*. (The flight of the African bat *Eidolon helvum*). Nat. Mus., Frankfurt 98: 181-194; 1968.
- Kulzer, E. African fruit-eating cave bats: Part 1. Afr. Wildl. 23: 38-46; 1969a.
- Kulzer, E. Das Verhalten von *Eidolon helvum* (Kerr) in Gefangenschaft. Z. Säugetierkd. 34: 129-148; 1969b.
- Kulzer, E. African fruit eating cave bats. Part 2. Afr. Wildl. 23(2): 129-138; 1969c.
- Kunz, Thomas H. (ed.) Ecology of bats. Plenum; New York, NY.; 1982. 444 p.
- Kuroda, Nagamichi. A revision of genus *Pteropus* found in the islands of the Riu Kiu chain. J. Mammal. 14(4): 312-316; 1933.

- Laburn, H.P.; Mitchell, D. Evaporative cooling as a thermoregulatory mechanism in the fruit bat, *Rousettus aegyptiacus*. *Physiol. Zool.* 48(2): 195-202; 1975.
- Lack, A. The ecology of the flowers of the savanna tree (*Maranthes polyandra*) and their visitors, with particular reference to bats (especially *Nanonycteris veldkampii*). *J. Ecol.* 66(1): 287-295; 1978.
- Lall, S.B. Epididymal phosphatases of *Pteropus giganteus giganteus* (Brunnich) (Megachiroptera:Mammalia): Acid phosphatases. *Ind. J. Exp. Biol.* 17: 793; 1979.
- Lall, S.B. Uterine phosphatases of non-pregnant and pregnant *Pteropus giganteus giganteus* Brunnich (Megachiroptera: Mammalia). *Ind. J. Exp. Biol.* 18: 1120; 1980a.
- Lall, S.B. Ovarian and uterine acid phosphatases of lactating females of *Pteropus giganteus giganteus* Brunnich (Megachiroptera:Mammalia). *Curr. Sci.* 49: 135-138; 1980b.
- Lall, S.B. A comparison of acid phosphatase activity in the spermatogenic and androgenic cells of the testes of im-puberal and sexually active males of *Pteropus giganteus giganteus* Brunnich (Megachiroptera:Mammalia). *Curr. Sci.* 50: 400-403; 1981.
- Lall, S.B. A comparison of the histochemical site and pattern of distribution of acid phosphatase and lactate dehydrogenase in the germ cells of pre-pubertal and sexually active flying fox *Pteropus giganteus giganteus* Brunnich (Megachiroptera:Mammalia). *Curr. Sci.* In press.
- Landau, I.; Adam, J.P. Description of relapse causing schizonts in a new Haemoproteidae, *Hepaticystis per-ronae*, new species, a parasite of African Megachiroptera. *Cah. ORSTOM (Off. Rech. Sci. Tech. Outre-Mer) Ser. Entomol. Med. Parasitol.* 9(4): 373-378; 1971.
- Land Conservation Council. Report on the north eastern study area (district 2) 1973. Victoria, Australia: 1973. 238 p.
- Land Conservation Council. Report on the East Gippsland study area. Victoria, Australia: 1974. 235 p.
- Lane, H.C.; Schoenenberger, N.; Huggel, H.J. Some data on the innervation of the artery and of the veins of the wing digits of Megachiropterans (*Rousettus aegyptiacus* and *Pteropus giganteus*). *Rev. Suisse Zool.* 78(3): 655-660; 1971.
- Lanza, B. The baculum of *Pteropus* and its significance for the phylogenesis of the genus (Mammalia:Megachiroptera). *Monit. Zool. Ital. Suppl.* 3(3): 37-68; 1969.
- Largen, M.J.; Kock, D.; Yalden, D.W. Catalog of the mammals of Ethiopia. Part 1. Chiroptera. *Monit. Zool. Ital. Suppl.* 5(16): 221-298; 1974.
- Lavery, H.J. Collisions between aircraft and birds at Townsville, Queensland. *Queensland J. Agr. Anim. Sci.* 26(3): 447-455; 1973.
- Lavoipierre, M.M.J.; Rajamanickam, C. The skin reactions of two species of Southeast Asian Chiroptera to notoedrid and teinocoptid mites. *Parasitology* 58(3): 515-530; 1968.
- Lavoipierre, M.M.J.; Rajamanickam, C.; Ward, P. Host-parasite relationships of acarine parasites and their vertebrate hosts. I. The lesions produced by *Bakerocptes cynopyrtis* in the skin of *Cynopterus brachyotis*. *Acta Trop.* 24: 1-18; 1967.
- Lawrence, B.; Novick, A. Behavior as a taxonomic clue: relationships of *Lissonycteris* (Chiroptera). *Breviora* 184: 1-16; 1963.
- Lay, C.T. Observations on a species of *Pteropus* from Bonin. *Zool. J.* 4: 457-459; 1892.
- Lekagul, B.; McNeely, J.A. Mammals of Thailand. Bangkok, Thailand: Kurusapha Ladprao Press; 1977. 758 p.
- Levine, L.S.; Glassman, R.; Cornelius, S.; Hattingh, J.; Ross, F.P. Vitamin D binding proteins of the fruit bat *Rousettus aegyptiacus*. Annual meeting of the Physiological Society of Southern Africa; 1980 October 15-16; Port Elizabeth, South Africa; *S. Afr. J. Sci.* 76(12): 571-572; 1980.
- Levine, L.S.; Keegan, D.J.; Coetzer, P.E.; Wright, P.G. The secretion of insulin in the fruit bat *Rousettus aegyptiacus*. Annual meeting of the Physiological Society of Southern Africa; 1980 October 15-16; Port Elizabeth, South Africa; *S. Afr. J. Sci.* 76(12): 573; 1980.
- Lewis, J.H. Comparative hematology studies on Chiroptera, *Pteropus giganteus*. *Comp. Biochem. Physiol. Part A. Comp. Physiol.* 58(1): 103-108; 1977.
- Lhuillier, M. Contribution to the study of leptospiroses in Madagascar Malagasy Republic bacteriologic and serologic study. *Arch. Inst. Pasteur Madagascar* 46(1): 429-440; 1978. (In French)
- Lidicker, W.Z.; Ziegler, A.C. Report on a collection of mammals from Papua-New Guinea and Bougainville Island. Commonwealth Scientific and Industrial Research Organization Wildl. Res. Tech. Pap. 26: 1-35; 1968.

- Lim, B.L. Food habits and breeding cycles of the malaysian fruit-eating bat, *Cynopterus brachyotis*. J. Mammal. 51(1): 174-177; 1970.
- Linsley, L.N. Curious things about Guam. The fanihi. Guam Recorder 11(8): 194-195; 1934.
- Loeb, E.B. History and traditions on Niue. B.P. Bishop Mus. Bull. 32: 1-226; 1926.
- Luck, C.P.; Keegan, D.J. Some physiological adaptations of the fruit bat *Rousettus aegyptiacus*. S. Afr. J. Lab. Clin. Med. 18(1): 230; 1972.
- Madkour, G. The structure of distal bones in the autopodia of the Egyptian fruit bat *Rousettus aegyptiacus*. Zool. Anz. 195(3-4): 257-264; 1975a.
- Madkour, G. Further observations on bats (Chiroptera) of Egypt. First scientific session on the conservation of habitat; 1975 Nov. 10-12; Cairo: National Research Center; 1975b.
- Madkour, G. Cranial osteology of *Rousettus aegyptiacus* (Megachiroptera). Ann. Zool. Agra (India) 12(1): 1-12; 1976a.
- Madkour, G. Gross anatomy of the alimentary canal of Egyptian bats. Lynx (Prague) 18: 59-72; 1976b.
- Madkour, G. On the structure of the penis in the fruit bat *Rousettus aegyptiacus* (Megachiroptera). J. Mammal. 57(4): 769-771; 1976c.
- Madkour, G. External genitalia and mammary glands of Egyptian female bats. Zool. Anz., Jena 196(5/6): 1-5; 1976d.
- Madkour, G. *Rousettus aegyptiacus* (Megachiroptera) as a fruit eating bat in A.R. Egypt. Agric. Res. Rev. 55(1): 167-172; 1977a.
- Madkour, G. A comparative study of certain features of the alimentary canal and disposition of the viscera in Egyptian bats. Ann. Zool. (Agra) 13(2): 63-82; 1977b.
- Madkour, G. Significance of the distal part of the humerus in the identification of Egyptian bats. Zool. Anz. 201(5-6): 387-390; 1978.
- Maijels, F. An attempt to evaluate predation on the Seychelles fruit bat *Pteropus seychellensis* by man. In: Racey, P.A., ed. Aberdeen University Expedition to the Seychelles 1977. Aberdeen, Scotland; Aberdeen Univ. Dep. of Zoology, Rep. Cyclostyled. 1979: 49-54.
- Maina, J.N.; King, A.S.; King, D.Z. A morphometric analysis of the lung of a species of bat. Respir. Physiol. 50(1): 1-12; 1982.
- Mainoya, J.R.; Howell, K.M. Histology of the neck glandular skin patch in *Eidolon helvum*, *Rousettus aegyptiacus* and *Rousettus angolensis* (Chiroptera: Pteropodidae). Afr. J. Ecol. 17(3): 159-164; 1979.
- Malangnoux, M.; Gautun, J.C. A pest of *Araucaria* plantations in the Ivory Coast. Bois et For. Trop. (165): 35-38; 1976.
- Manley, D.B.; Williams, L.M. Structure of the gastrointestinal tract of the flying fox *Pteropus poliocephalus*. J. Anat. 128: 649-650; 1979 May.
- Marinkelle, C.J. *Trypanosoma megachiropteroorum* sp.n. from the flying fox, *Pteropus tonganus* Quoy & Gaimard. J. Protozool. 26(3): 352-353; 1979.
- Marks, F. The epidermal chalones. In: Houck, John C., ed. Chalones. Amsterdam, Netherlands: North-Holland Publishing Company; 1976: 173-227.
- Marshall, A.J. The breeding cycle of an equatorial bat (*Pteropus giganteus*) of Ceylon. Proc. Linn. Soc. London 159: 103-111; 1947.
- Marshall, A.J. The unilateral endometrial reaction in the giant fruit-bat (*Pteropus giganteus* Brunnich). J. Endocrinol. 9: 42-44; 1953.
- Masbar, S.; Palmieri, J.R.; Marwoto, H.A.; Purnomo, Darwis F. Blood parasites of wild and domestic animals from south Kalimantan, Borneo, Indonesia. Southeast Asian J. Trop. Med. Public Health 12(1): 42-46; 1981.
- Mason, C.E. On the fruit-bats of the genus *Pteropus*, inhabiting the Andaman and Nicobar Archipelagos, with description of a new genus. Rec. Indian Mus. vol. II, 2: 159-166; 1908.
- Mathur, R.; Gupta, R.B.; Mathur, A. Histochemical study on the innervation of the heart of *Pteropus giganteus*. Acta Anat. 103(3): 313-318; 1979.
- Matschie, P. Die Megachiroptera des Berliner Museums für Naturkunde. Berlin: Georg Reimer; 1899. 102 p.
- Matskasi, I. Flukes from bats in Vietnam. Acta Zool. Acad. Sci. Hung. 19(3-4): 339-359; 1973.
- Mayoux, A.; Brygoo, E.R.; Simond, J.P. Evaluation of one year of study of *Pteropus rufus* in Madagascar; its role as a reservoir of enterobacteria. Arch. Inst. Pasteur Madagascar 40(1): 29-37; 1971.

- McCann, C. The flying-fox (*P. giganteus*) and the palm squirrel (*F. tristriatus*) as agents of pollinization in (*Grevillea robusta* A. Cunn.) the silky oak. J. Bombay Nat. Hist. Soc. 36: 761-764; 1933.
- McCann, C. Notes on the flying fox (*Pteropus giganteus* Brunn.). J. Bombay Nat. Hist. Soc. 37: 143-149; 1934.
- McCann, C. The short-nosed fruit bat (*Cynopterus sphinx*) as an agent of seed dispersal in wild date (*Phoenix sylvestris* L.). J. Bombay Nat. Hist. Soc. 42: 184-185; 1940a.
- McCann, C. Notes on the fulvous fruit bat (*Rousettus leschenaulti* Desm.). J. Bombay Nat. Hist. Soc. 71: 804-816; 1940b.
- McCann, C. Further observations on the flying fox (*Pteropus giganteus*) and the fulvous fruit bat (*Rousettus leschenaulti* Desm.) J. Bombay Nat. Hist. Soc. 72: 587-592; 1941.
- McCoy, M. Reptiles of the Solomon Islands. Wau Ecology Institute Handbook 7: 12, 60; 1980.
- McKean, J.L. Notes on some collections of bats (order Chiroptera) from Papua-New Guinea and Bougainville Island, Australia. Tech. Pap. 26. Division of Wildlife Research, Commonwealth Scientific and Industrial Research Organization; 1972a. 35 p.
- McKean, J.L. A *Nyctimene albiventer* (Chiroptera: Pteropodidae) specimen supposedly from Wee Jasper New South Wales. Aust. Mammal. 1: 47; 1972b.
- Medway, Lord. The wild mammals of Malaya and offshore islands including Singapore. Kuala Lumpur: Oxford Univ. Press; 1969.
- Meijer, W. Fruit trees in Sabah (North Borneo). Malay. For. 32(3): 252-265; 1969.
- Menzies, J.I. Fossil and sub fossil fruit bats from the mountains of New Guinea. Aust. J. Zool. 25(2): 329-336; 1977.
- Mettler, F. Generalisierte Protothecose bei einem Flughund (*Pteropus lylei*). (Generalized protothecosis in a fruit bat (*Pteropus lylei*). Vet. Pathol. 12(2): 118-124; 1975.
- Meyer, F. Der flatterhund, *Pteropus funereus*. Zool. Gart. Frankfurt 15: 238-239; 1874.
- Miller, G.S. The families and genera of bats. Bull. U.S. Nat. Mus. 57. Washington, DC: U.S. Government Printing Office; 1907. 282 p.
- Miller, Gerrit S. Jr. A new pteropine bat from Luzon. Proc. Biol. Soc. Washington, 26: 73-74; 1913 March 22.
- Miller, H.; Fernandes-Costa, F.; Metz, J. Synthesis of DNA as shown by the deoxyuridine suppression test is normal in the vitamin B12-deficient fruit bat (*Rousettus aegyptiacus*). Br. J. Nutr. 44(3): 229-235; 1980.
- Miltgen, E.; Landau, I.; Bradbury, J. Hepatocystis of *Hypsignathus monstrosus* (Pteropinae) in Gabon 2. Description of *Hepatocystis carpenteri*, new species. Ann. Parasitol. Hum. Comp. 55(5): 485-490; 1980 (Summary in French and English)
- Miltgen, E.; Landau, I.; Rosin, G.; Erard, C. *Hepatocystis brosetti* n.sp., Haemoproteidae, parasite d'*Epomops franqueti*, Pteropinae, au Gabon. (*Hepatocystis brosetti* n.sp., Haemoproteidae, parasite of *Epomops franqueti*, Pteropinae, in Gabon.) Ann. Parasitol. Hum. Comp. 52(6): 589-596; 1977. (Summary in English)
- Mirza, Z.B. Notes on the ecology and distribution of fruit bat *Rousettus leschenaulti leschenaulti* in West Pakistan. Pakistan J. Sci. 19(4): 193-194; 1967.
- Mitchell, Richard; Punzo, Fred. Ectoparasites of bats from Nepal. J. Bombay Nat. Hist. Soc. 73(1): 84-87; 1976.
- Moghe, M.A. Development and placentation in the Indian fruit-bat, *Pteropus giganteus giganteus* (Brunnich). Proc. Zool. Soc. London 121: 703-721; 1951.
- Moghe, M.A. On the development and placentation in the megachiropteran bat, *Cynopterus sphinx gangeticus*. Proc. Natl. Inst. Sci. India 22: 48-55; 1956.
- Mokkapati, S.; Dominic, C.J. Sites of production of fructose and citric-acid in the accessory reproductive glands of 3 species of male chiropterans. Biol. Reprod. 14(5): 627-629; 1976.
- Mokkapati, S.; Dominic, C.J. Morphology of the accessory reproductive glands of some male Indian chiropterans. Anat. Anz. 141(4): 391-397; 1977.
- Morii, R. Collection trip of Chiroptera to Taiwan and the Ryukyu Islands. J. Mammal. Soc. Jpn. 6(3): 121-126; 1975. (Honyu Dobutsugaku Zasshi 6(3); 121-126; 1975). (In Japanese)
- Morris, Desmond. The mammals: A guide to the living species. New York and Evanston: Harper and Row; 1965. 448 p.
- Moruzzi, J.F. Selecting a mammalian species for the separation of X chromosome and Y chromosome bearing spermatozoa. J. Reprod. Fertil. 57(2): 319-324; 1979.

- Mote, L.T.; Nalavade, M.N. Histochemical studies on nonspecific esterases in epididymis of the bat *Cynopterus sphinx sphinx*. Proc. Indian Acad. Sci. Anim. Sci. 91(4): 329-336; 1982.
- Moutou, F. Note on the Bats of Reunion; Indian Ocean. Mammalia 46(1): 35-52; 1982.
- Murphy, C.J.; Kwiecinski, G.G.; Howland, H.C.; Kern, T.J.; Kallen, F.C. Visual accommodation in the flying fox *Pteropus giganteus*. 95th Annual meeting of the American Association of Anatomists, Indianapolis, IN, April 4-8, 1982. Anat. Rec. 202(3), 1982. 133A-134A. (Abstract)
- Mutere, F.A. Delayed implantation in an equatorial fruit bat. Nature 207 (4998): 780; August 14, 1965.
- Mutere, F.A. The breeding biology of equatorial vertebrates: Reproduction in the fruit bat, *Eidolon helvum*, at latitude 0 degrees 20'S. Acta Trop. 25(92): 97-108; 1967.
- Mutere, F.A. Breeding cycles in tropical bats in Uganda. J. Appl. Ecol. 5(2): 8-9; 1968a.
- Mutere, F.A. The breeding biology of the fruit bat *Rousettus aegyptiacus* living at 0 degrees 22'S. Acta Trop. 25(2): 97-108; 1968b.
- Mutere, F.A. On the food of the Egyptian fruit bat *Rousettus aegyptiacus*. Period. Biol. 75(1): 159-162; 1973.
- Nader, I.A. On the bats (Chiroptera) of Saudi Arabia. J. Zool. (Lond) 176(3): 331-340; 1975.
- Nalavade, M.N.; Varute, A.T. Histochemical studies on the mucins of the vertebrate tongues. III: Histochemical analysis of mucosubstances in Von Ebnege's glands of four varieties of bats. Ann. Histochem. 17(2): 123-134; 1972a.
- Nalavade, M.N.; Varute, A.T. Histochemical studies on the mucins of the vertebrate tongues. IV: Histochemical analysis of mucosubstances in lingual mucous glands in four varieties of bats differing in their feeding habits. Ann. Histochem. 17(4): 273-288; 1972b.
- Nalavade, M.N.; Varute, A.T. Comparative mucopolysaccharide histochemistry of the mast cells in the tongue of twenty vertebrates. Indian Sci. Cong. Assoc. Proc. 60: 452; 1973 and 60: 452; 1973a.
- Nalavade, M.N.; Varute, A.T. Histochemical studies on the mucins of the vertebrate tongues. IV. Comparative histochemical analysis of mucosubstances of the muscle fibers in the tongues of twenty one vertebrates. Acta Histochem. 47(2): 329-342; 1973b.
- Nelson, J.E. Vocal communication in Australian flying foxes (Pteropodidae: Megachiroptera). Z. Tierpsychol. 27: 857-870; 1964.
- Nelson, J.E. Movements of Australian flying foxes. Aust. J. Zool. 13: 53-73; 1965a.
- Nelson, J.E. Behavior of Australian Pteropodidae (Megachiroptera). Anim. Behav. 13: 544-577; 1965b.
- Neuweiler, G. Bau und Leistung des Flughundauges (*Pteropus giganteus* gig. Brunn.). Z. Vgl. Physiol. 46: 13-56; 1962a.
- Neuweiler, G. Verhaltensbeobachtungen in einer indischen Flughundkolonie (*Pteropus giganteus* gig. Brunn.). Behavior observations on an Indian fruit bat colony, (*Pteropus giganteus giganteus*). Z. Tierpsychol. 26(2): 166-199; 1962b.
- Neuweiler, G. Interaction of other sensory systems with the sonar system. Books 509-533; 1967.
- Nicholson, A.J. Hunting flying foxes in the Pacific area. Texas Game and Fish 4(1): 4-5; 1945.
- Nicoll, M.E.; Racey, P.A. The Seychelles fruit bat *Pteropus seychellensis seychellensis*. Afr. J. Ecol. 19(4): 361-364; 1981.
- Nir, Y.; Avivi, A.; Lasovski, Y.; Margalit, J.; Goldwasser, R. Arbovirus activity in Israel. Israel J. Med. Sci. 8(10): 1695-1701; 1972. Sec. Jnl. Source: Abstracts on Hygiene 48(3): 914; 1973.
- Noll, U.G. Postnatal growth and development of thermogenesis in *Rousettus aegyptiacus*. Comp. Biochem. Physiol. Part A. Comp. Physiol. 63(1): 89-93; 1979a.
- Noll, U.G. Body temperature oxygen consumption noradrenaline response and cardiovascular adaptations in the flying fox *Rousettus aegyptiacus*. Comp. Biochem. Physiol. Part A. Comp. Physiol. 63(1): 79-88; 1979b.
- Norberg, U.M. Functional osteology and myology of the wing of the dog-faced bat *Rousettus aegyptiacus* (Mammalia: Chiroptera). Z. Morphol. Tiere 73(1): 1-44; 1972.
- Norton, P.M.; van der Merwe, M. Winter activity of bats in a Transvaal highveld cave. S. Afr. J. Sci. 74: 216-220; 1978.
- Novick, A. Notes on an additional example of the fruit bat *Scotonycteris ophiodon* Pohle. Postilla 34: 1-5; 1958a.
- Novick, A. Orientation in paleotropical bats. II. Megachiroptera. J. Exp. Zool. 137(3): 443-462; 1958b.

- Novick, A. Bats aren't all bad. *Natl. Geogr. Mag.* 143(5): 614-637; 1973.
- Novick, A.; Leen, N. The world of bats. New York: Holt, Rinehart, and Winston; 1969. 172 p.
- Nur, N. Studies on pollination in Musaceae. *Ann. Bot. (Lond)* 40(166): 167-177; 1976.
- O'Connor, J.L.; Griffin, L.C. Relationships between flying fox (genus *Pteropus*) and arthropod-borne fevers of North Queensland. *Nature* 176: 472; 1955.
- Ogilvie, P.W.; Ogilvie, M.B. Observations of a roost of yellow or giant fruit-eating bats, *Eidolon helvum*. *J. Mammal.* 45: 309-311; 1964.
- Ogunbiyi, O.A.; Okon, E.E. Studies on the digestive enzymes of the African fruit bat *Eidolon helvum*. *Comp. Biochem. Physiol. Part A. Comp. Physiol.* 55(4): 359-362; 1976.
- Okia, N.O. The breeding pattern of the eastern epauletted bat *Epomophorus anurus* Heuglin in Uganda. *J. Reprod. Fertil.* 37(1): 27-31; 1974a.
- Okia, Nathan O. Breeding in Franquet's bat *Epomops franqueti* in Uganda. *J. Mammal.* 55(2): 462-465; 1974b.
- Okon, E.E. Fruit bats at Ife: their roosting and food preferences. *Nigerian Field* 39(1): 33-40; 1974.
- Okon, E.E. Functional anatomy in the alimentary canal in the fruit bat *Eidolon helvum* and the insect bat *Tadarida nigeriae*. *Acta Zool. (Stockh.)* 58(2): 83-93; 1977.
- Okon, Eyo E.; Ekanem, R.J. Diurnal variations of the glycogen and fat stores in the liver and breast muscle of the insect bat *Tadarida nigeriae*. *Physiol. Behav.* 23(4): 659-662; 1979.
- Okon, Eyo E.; Umukora, R.M.; Ajudua, A. Diurnal variations of the glycogen and fat stores in the liver and breast muscle of the fruit bat *Eidolon helvum* (Kerr). *Physiol. Behav.* 20(2): 121-124; 1978.
- Oommen, M.M.; Alexander, K.M. Myoglobin levels in the Myocardia of some representative vertebrates. *Curr. Sci. (Bangalore)* 51(15): 742-745; 1982.
- Orshoven, J. van; Van Bree, P.J.H. Quelques donnees sur six especes de Megachiropteres de la Republiques de Guinee. *Beaufortia* 14(176): 177-192; 1968.
- Owen, R.P. Terrestrial vertebrate fauna of the Palau Islands. 1977. Unpublished report available from: Office of the Chief Conservationist, Trust Territory of the Pacific Islands, Koror, Palau 96940.
- Pal, S.R.; Arora, B.; Chhuttani, P.N.; Broor, S.; Choudhury, S.; Joshi, R.M.; Ray, S.D. Rabies virus infection of a flying fox bat, *Pteropus poliocephalus* in Chandigarh, North India. *Trop. Geogr. Med.* 32(3): 265-267; 1980.
- Paradiso, J.L. A new subspecies of *Cynopterus sphinx* (Chiroptera: Pteropodidae) from Serasan, south Natuna Island, Indonesia. *Proc. Biol. Soc. Wash.* 84(36): 293-300; 1971.
- Parker, F. Notes on some caves of Shortland Islands, Solomon Islands. *Sydney (Australia) Speleological Soc. J.* 16: 271-276; 1972.
- Parker, S.S. An annotated checklist of the native land mammals of the Northern Territory. *South Aust. Mus. Rec.* 16(11): 1-57; 1973.
- Pathak, S. Chromosomes of Megachiroptera, *Cynopterus sphinx gangeticus* Anderson. *Mamm. Chrom. Newsletter* 17: 80; 1965a.
- Pathak, S. Chromosomes of Megachiroptera, *Pteropus giganteus* Brunnich. *Mamm. Chrom. Newsletter* 17: 81; 1965b.
- Pathak, S. The chromosomes of Megachiroptera, *Rousettus leschenaulti* Demarest. *CIS (Chromosome Inform. Serv.)* (7): 5; 1966.
- Pathak, S.; Raychaudhuri, S.P. Studies on the chromosomes of bats. III. Chromosomes of three species of Megachiroptera. *Proc. Indian Sci. Congr.* 53(4): 31; 1966.
- Patnaik, S.K.; Paulose, C.S.; Srivastava, S.K.; Misra, M.; Singh, A.K.; Kumar, D. Comparative studies on arginase of the liver of some vertebrates. *Indian J. Exp. Biol.* 14(1): 29-30; 1976.
- Paul, S.D.; Rajagopalan, P.K.; Sreenivasan, M.A. Isolation of the West Nile virus from the frugivorous bat *Rousettus leschenaulti*. *Indian J. Med. Res.* 58(9): 1169-1171; 1970.
- Pavri, K.M.; Singh, K.R.P.; Hollinger, F.B. Isolation of a new parainfluenza virus from a frugivorous bat *Rousettus leschenaulti* collected at Poona, India. *Amer. J. Trop. Med. Hyg.* 20(1) 125-130; 1971.
- Pedler, C.; Tilley, R. The retina of a fruit bat *Pteropus giganteus*. *Vision Res.* 9(8): 909-922; 1969.

- Pennycuik, C.J. Gliding flight of fruit bat *Rousettus aegyptiacus* observed in a wind tunnel. *J. Exp. Biol.* 55(3): 833-845; 1971.
- Pennycuik, C.J. Wing profile shape in a fruit bat gliding in a wind tunnel determined by photogrammetry. *Period. Biol.* 75(1): 77-82; 1973.
- Pentney, R.P.; Cotter, J.R. Organization of the retinofugal fibers to the dorsal lateral geniculate nucleus of *Pteropus giganteus*. *Exp. Brain Res.* 41(3-4): 427-430; 1981.
- Perez, G.S.A. Notes on Palau fruit bats. *J. Mammal.* 49(4): 758; 1968.
- Perez, G.S.A. Observations of Guam bats. *Micronesica* 8(1-2): 141-149; 1972.
- Perez, G.S.A. Notes on the ecology and life history of Pteropidae on Guam. *Period. Biol.* 75(1): 163-168; 1973.
- Peristiany, J.G.; Huggel, H. The mechanogram and some effects of the interior pressure and calcium on the motility of the metacarpal veins of *Pteropus giganteus* (Megachiroptera). *Rev. Suisse Zool.* 78(4): 1209-1221; 1971.
- Peristiany, J.G.; Huggel, H.J. A new model for recording smooth muscle activity of perfused peripheral blood vessels. In: Bolis, Liana; Schmidt-Nielsen, K.; Maddrell, S.H.P., eds. *Comparative physiology, locomotion, respiration, transport, and blood*. Proceedings of the international congress; 1972 September. Acquasparta, Italy. Amsterdam, Netherlands: North-Holland Publishing Co.; 1973: 591-617. (Dist. in USA and Canada by American Elsevier Publishing Co.; New York, NY).
- Peristiany, J.G.; Huggel, H.; Bisetti, M.L. Functional characteristics and physical limitations of the active venous pulse in the bat wing: The effects of pressure and temperature. *Experientia (Basel)* 34(11): 1400-1403; 1978.
- Peristiany, J.G.; Lane, H.C.; Huggel, H. Production of a perfusion solution for the alar veins of *Pteropus giganteus* (Megachiroptera) in relation to diet and hematological analysis. *Rev. Suisse Zool.* 78(4): 1202-1208; 1971.
- Perret, M.M.; Huggel, H.; Millet, M. Histology and histochemistry of the neurovascular complex of the bat's wing. *Rev. Suisse Zool.* 83(4): 909-913; 1976. (Summary in French and English)
- Perry, J.; Lumb, M.; van der Westhuyzen, J.; Fernandes-Costa, F.; Metz, J.; Chanarin, I. Characterization of endogenous folate and incorporation of labeled folates into the brain of the South African fruit bat *Rousettus aegyptiacus leachi*. *Biochem. Biophys. Acta* 586(3): 632-636; 1979a.
- Perry, J.; Lumb, M.; van der Westhuyzen, J.; Fernandes-Costa, F.; Metz, J.; Chanarin, I. The methyltetrahydro folate pool is separate from the tetrahydro folate pool. In: Kisliuk, R.L.; Brown, G.M., eds. *Developments in biochemistry*, Vol. 4. Chemistry and biology of pteridines: Proceedings of the 6th International Symposium; 1978 September 25-28; La Jolla, CA. New York and Amsterdam: Elsevier/North Holland; 1979b: 315-320.
- Perry, J.; Lumb, M.; van der Westhuyzen, J.; Fernandes-Costa, F.; Metz, J.; Chanarin, I. Utilization of (2-¹⁴C) hydropteroyl- glutamictetra acid and 5-(G 3H) methyl-tetrahydropteroylglutamic acid as substrates for folate polyglutamate synthesis in fruit bats. Effect of vitamin B-12 deficiency. *Biochem. Biophys. Acta* 629(3): 566-576; 1980.
- Peterson, R.L. Notes on the Malaysian fruit bats of the genus *Dyacopterus*. *R. Ont. Mus. Life Sci. Occas. Pap.* (13): 1-4; 1969.
- Peterson, R.L.; Nagorsen, D.W. Chromosomes of fifteen species of bats (Chiroptera) from Kenya and Rhodesia. *R. Ont. Mus. Life Sci. Occas. Pap.* (27): 1-14; 1975.
- Phillips, C.J. Systematics of Megachiropteran bats in the Solomon Islands. *Univ. Kans. Publ. Mus. Natur. Hist.* 16(8): 777-837; 1968.
- Phillips, W.W.A. Mammals of Ceylon. *Ceylon J. Sci.* 1935.
- Phillips, W.W.A. A note on the flying fox (*Pteropus hypomelanus moris*) of Abbu Atoll, Moldive Islands. *J. Bombay Nat. Hist. Soc.* 55: 334-337; 1958.
- Phillips, W.W.A. The flying fox of Abbu Atoll, Moldive Islands — a correction. *J. Bombay Nat. Hist. Soc.* 56: 125-126; 1959.
- Pijl, L. van der. Fledermause und Blumen. *Flora* 131: 1-40; 1936.
- Pijl, L. van der. The dispersal of plants by bats. *Acta Bot. Neerl* 6: 291-315; 1957.
- Pijl, L. van der. Ecological aspects of flower evolution. II. Zoophilous flower classes. *Evolution* 15: 44-59; 1961.
- Pirlot, Stephan, H. Encephalization in Chiroptera. *Can. J. Zool.* 48(3): 433-444; 1970.
- Poche, Richard M. The bats of National Park W. Niger, Africa. *Mammalia* 39(1): 39-50; 1975.

- Poczopko, P. Metabolic levels in adult homeotherms. *Acta Theriol.* 16(1): 1-21; 1971.
- Pohle, H. *Scotonycteris ophiodon*, eine neue Art epomophorider Flughunde. *Sitzb. Ges. Naturf. Fr. Berlin*: 78-87; 1942 (1943).
- Pohle, H. Ueber die Fledertiere von Bougainville. *Z. Säugetierkd.* 17: 127-137; 1952.
- Polunin, N.; Procter, J. The Vallee de Mai, Praslin, Seychelles. *Biol. Conser.* 5(4): 314-316; 1973.
- Pook, A.G. Breeding the Rodrigues fruit bat *Pteropus rodricensis* at the Jersey Zoological Park. *Dodo* 14: 30-33; 1978.
- Pousargues, E. de'Etude sur les mammiferes du Congo francais. *Ann. Sci. Nat. (Zool.)*, Ser. 8, 3: 129-416; 1896.
- Powell, G.S. Australian frugivorous bats or flying-foxes. *Zoologist*, Ser. 2, 5, 2135-2138; 1870.
- Prasad, V. Parasitic mesostigmatic mites from Nepal (Acarina: Mesostigmata). *Oriental Insects* 8(1): 63-70; 1974.
- Prater, S.H. The book of Indian animals. 3rd edition. Bombay, India: Bombay Natural History Society; 1971. 324 p.
- Puescher, H. Studies on the shoulder pouches in some epaulet bats. *Z. Säugetierkd.* 37(3): 154-161; 1972.
- Puranik, P.G.; Gopalakrishna, G.; Chari, N. Aerodynamics, parameters of a megachiropteran bat *Pteropus* sp. *Marathwada Univ. J. Sci.* 15(8): 133-135; 1976a.
- Puranik, P.G.; Gopalakrishna, G.; Chari, N. Flight parameters of the short-nosed fruit bat *Cynopterus marginatus*. *Proc. Indian Acad. Sci. Sect. B*, 83(4): 160-165; 1976b.
- Pye, A. The aural anatomy of bats. *Bijdr. Dierkd.* 40(1): 67-70; 1970.
- Pye, A.; Hinchcliffe, R. Structural variations in the mammalian middle ear. *Med. Biol. Illus.* 18(2): 122-127; 1968.
- Quay, W.B. Structure and evolutionary implications of the muscoli arrectores pilorum in Chiroptera. *Anat. Rec.* 163(4): 587-593; 1969.
- Quay, W.B. Histology of the perianal sebaceous glandular organs of the bat *Eonycteris spelaea* (Chiroptera: Pteropidae). *Anat. Rec.* 166(2): 189-198; 1970.
- Qumsiyeh, M.B. New records of bats from Jordan. *Säugetierkd Mitt.* 28(1): 36-39; 1980.
- Quoy, J.R.C.; Gaimard, J.P. Voyages de l'Astrolabe. *Zool.* 1: 74-77; 1830.
- Rabor, D.S. Two new mammals from Negros Island, Philippines. *Nat. Hist. Misc. (Chicago Acad. Sci.)* 96: 1-7; 1952.
- Racey, R.A. Two bats in the Seychelles. *Oryx* 15: 148-152; 1979.
- Radovsky, F.J. The Macronysidae and Laelapidae (Acarina: Merostigmata) parasitic on bats. *Univ. Calif. Publ. Ent.* 46: 1-288; 1967.
- Rajalakshmi, M.; Prasad, M.R.N. Sites of formation of fructose citric acid and sialic acid in the accessory glands of the giant fruit bat *Pteropus giganteus giganteus*. *J. Endocrinol.* 46(4): 413-416; 1970.
- Ralph, C. John; Sakai, Howard F. Forest bird and fruit bat populations and their conservation in Micronesia: Notes on a survey. *'Elepaio* 40(2): 20-26; 1979.
- Ramakrishna, P.A. Post-partum oestrus in the Indian short-nosed fruit bat, *Cynopterus sphinx sphinx* (Vahl.). *Curr. Sci. (India)* 16: 186; 1947.
- Rao, K.V.B.; Maiti, B.R. Adreno-medullary responses to formalin stress in Indian fruit bats *Pteropus giganteus giganteus*. *Zool. Anz.* 206(1-2): 100-103; 1981.
- Ratcliffe, F.N. The flying fox (*Pteropus*) in Australia. Commonwealth Council for Sci. Industr. Res. Bull. 53: 1-8; 1931.
- Ratcliffe, Francis N. Notes on the fruit bats (*Pteropus* spp.) of Australia. *J. Anim. Ecol. London* 1: 32-57; 1932.
- Ratcliffe, F. Flying foxes drinking sea water. *J. Mammal.* 42: 252-253; 1961.
- Rice, M.J.; Kamugisha, C.K.; Sebugwawo, B.S. Bats wing membrane for tsetse fly synthetic feeding. *Trans. R. Soc. Trop. Med. Hyg.* 66(2): 328; 1972.
- Ripley, S.D. Behavior of flying foxes in coastal New Guinea. *J. Mammal.* 41: 264-265; 1960.
- Rivett, A.C.D. The flying-fox pest in Australia. *Nature (London)* 120: 189; 1927.
- Robbins, C.B. Small mammals of Togo and Benin. 1. Chiroptera. *Mammalia* 44(1): 83-88; 1980.

- Roberts, L.H. Confirmation of the echolocation pulse production mechanism of *Rousettus amplexicaudatus*. J. Mammal. 56(1): 218-220; 1975.
- Robinson, K.; Morrison, P. The reaction to hot atmospheres of various species of Australian marsupials and placental animals. J. Cell. Comp. Physiol. 49: 455-478; 1957.
- Robinson, M. Flying foxes breeding at Gordon, Sydney. Aust. Bat Res. News 12: 2; 1973.
- Robinson, M. Notes on the grey-headed flying fox, *Pteropus poliocephalus*. Australian Bat Res. News 18: 10-11; 1982.
- Romanini, M.G.M.; Pellicciari, C.; Bolchi, F.; Capanna, E. New data on DNA nuclear content of post-kinetic nuclei in Chiroptera. Mammalia 39(4): 675-683; 1975.
- Romer, J.S. Annotated checklist with keys to the bats of Hong Kong. Mem. Hong Kong Nat. Hist. Soc. 9: 1-6; 1974.
- Rosevear, D.R. Checklist and atlas of Nigerian mammals, with a foreword on vegetation. Lagos: Government Printer; 1953. 131 p.
- Rosevear, J. The bats of West Africa. London: Trustees British Museum (Nat. Hist.); 1965. 418 p.
- Rother, P.; Kronberger, H.; Wendler, D.; Cole, R. The occurrence of oncocytes in mammals. Anat. Anz. 132(3/4): 300-302; 1972. (In German)
- Rousselot, R. Les rousettes du Soudan (Animaux nuisibles) C.R. First Cong. Int. Afr. Quest 1: 233-238; 1950.
- Ruempler, G. Bleivergiftungen bei Flughunden (*Pteropus* spec.) im Zoo am Meer Bremerhaven. (Lead poisoning in fruit bats (*Pteropus* spp.) in Bremerhaven Zoo.) Erkrankungen der Zootiere. Verhandlungsbericht des XXI; 1979. Internationalen Symposiums, vom 13. bis 17. Juni in Mulhouse. Berlin, Akademie-Verlag. 335-339. (Summary in English, French, and Russian)
- Sabnis, J.H. Studies on the post partum involution of the uterus in some Indian bats. Rev. Roum. Biol. Ser. Zool. 18(1): 49-55; 1973.
- Saha, Subhendu Sekhar. A supplementary note on some mammals recently collected in Bhutan, India. J. Bombay Nat. Hist. Soc. 76(1): 155-156; 1979 (1980).
- Salaun, J.J.; Klein, J.M.; Hebrard, G. A new virus pnompenh bat virus isolated in Cambodia from a short-nosed fruit bat *Cynopterus brachyotis angulatus*. Ann. Microbiol. (Paris) 125A(4): 485-495; 1974.
- Sanborn, Colin Campbell. Bats from Polynesia, Melanesia, and Malaysia. Chicago Field Mus. Nat. Hist. Publ. 286 (Zool. Sec.) 18(2): 7-29; 1931 February 12.
- Sanborn, C.C.; Beecher, W.J. Bats from the Solomon Islands. J. Mammal. 28: 387-391; 1947.
- Sanborn, C.C.; Nicholson, A.J. Bats from New Caledonia, the Solomon Islands, and New Hebrides. Fieldiana Zool. 31: 313-338; 1950.
- Sanyal, R.B. A hand-book of the management of animals in captivity in Lower Bengal. Calcutta: Bengal Secretariat Press; 1892.
- Saoud, M.F.A.; Ramadan, M.M. Studies on the helminth parasites of bats in Egypt and the factors influencing their occurrence with particular reference to digenetic trematodes. Z. Parasitenkd. 51(1): 37-47; 1976.
- Sapkal, V.M. Adrenal glands of 2 species of fruit bats. Curr. Sci. 47(4): 140-142; 1978.
- Sapkal, V.M.; Gadegone, M.M. Cyclical changes in the mucus secreting cells of the cervical epithelium of *Pteropus giganteus giganteus*. Curr. Sci. 48(1): 38-40; 1979.
- Sapkal, V.M.; Gadegone, M.M. Histochemical observations on the female reproductive tract of bats. 1. Cervical mucins of three species of bats. Cell. Mol. Biol. 26(6): 621-630; 1980.
- Sapkal, V.M.; Gadegone, M.M. Histochemical observations on the female reproductive tract of bats 2. Vaginal mucins of three species of bats. Cell. Mol. Biol. 27(2-3): 165-174; 1981.
- Schipp, R. Morphological specializations ultrastructural. Experientia (Basel) 34(11): 1410-1413; 1978.
- Schneider, R. Quantitative morphology and evolution of the brain of the bat. Anat. Anz. 130(3/4): 322-346; 1972.
- Schneider, L.D.; Schoop, U. Pathogenesis of rabies and rabies-like viruses. Annales de l'Institut Pasteur, Paris. 123(4): 469-476; 1972. (Summary in French)
- Schober, W.; Brauer, K. Nucleus olivaris caudalis of different mammals. Acta Anat. 69(4): 497-519; 1968.
- Schoenenberger, N.; Lane, H.C. Some data on the alar digital nerve bundle of the Megachiroptera *Rousettus aegyptiacus* and *Pteropus giganteus*. Rev. Suisse Zool. 78(3): 650-654; 1971. (In French)

- Schouteden, H. De Zoogdieren van Belgisch-Congo en van Ruanda-Urundi. Ann. Mus. Congo Belge, C. Zool. (2)3: 1-576; 1947.
- Schrotter, R.C. Quantitative comparisons of mammalian lung pressure volume curves. Respir. Physiology 42(2): 101-108; 1980.
- Scott, H. Zoogeographical and systematic notes of the Nycteribiidae of India, Ceylon and Burma. Rec. Indian Mus. 28(5): 341-344; 1925.
- Seebeck, J.H. Mammals in the Melbourne metropolitan area. Victorian Naturalist 94: 165-171; 1977.
- Sharma, B.D. *Psammotettix striatus* (Linn). A rare hemipteran ectoparasite of the flying foxes of Poonch. Curr. Sci. 42(3): 108; 1973 February 5.
- Shope, R.E.; Tignor, G.H. Rabies and serologically related viruses from Africa. In: Nagano, Yassuiti; Davenport, Fred M., eds. Rabies symposium. Baltimore, MD, London. University Park Press; 1971: 53-56.
- Simmons, J.A. The resolution of target range by echolocating bats. J. Acoust. Soc. Amer. 54(1): 157-173; 1973.
- Simond, J.P.; Mayoux, A. Demonstration of inter-animal transmission of streptomycin resistant salmonella-typhi C-4 in Madagascar. Arch. Inst. Pasteur Madagascar 41(1): 9-11; 1972.
- Simpson, D.I.H.; O'Sullivan, J.P. Studies of arboviruses and bats (Chiroptera) in East Africa. 1. Experimental infection of bats and virus transmission attempts in *Aedes (stegomyia) aegypti* (Linnaeus). Ann. Trop. Med. Parasitol. 62(4): 422-431; 1968.
- Sinclair, W.F. Food of the flying-fox. J. Bombay Nat. Hist. Soc. 7: 544.
- Singh, C.; Patnaik, B.B. Flying foxes menace in Orissa, India. Proc. Indian Sci. Congr. 53(3): 438-439; 1966.
- Sinha, Y.P. Taxonomic status of *Rousettus seminudus* (Chiroptera: Pteropidae). J. Bombay Nat. Hist. Soc. 65(3): 764-767; 1968.
- Sinha, Y.P. Bacula of Rajasthan bats. Mammalia 40(1): 97-103; 1976.
- Sinha, Y.P. Some ecological adaptations in skulls of bats. Geobios (Jodhpur) 8(3): 141-144; 1981.
- Sinha, Y.P.; Advani, R. Notes on food and reproduction of some Rajasthan, India bats. Geobios (Jodhpur) 3(2): 37-40; 1976.
- Smith, S.P. Niue Island and its people. J. Polynes. Soc. 11: 81-106, 163-178, 195-218, 12: 1-31; 1902. (Later published as: Niue-fekai [or Savage] Island and its people. Wellington: Whitcombe & Tombs; 133 p.)
- Smithers, R.H.N. The mammals of Botswana. Mem. Natn. Mus. Rhod. No. 4: 1-340; 1971.
- Smithers, R.H.N.; Lobao Tello, J.L.P. Check list and atlas of the mammals of Mozambique. Mem. Natn. Mus. Rhod. No. 8: 1-184; 1976.
- Snyder, G.K. Respiratory characteristics of whole blood and selected aspects of circulatory physiology in the common short-nosed fruit bat *Cynopterus brachyotis*. Respir. Physiol. 28(2): 239-247; 1976.
- Soepadmo, E.; Eow, B.K. The reproductive biology of *Durio zibethinus*. Gard. Bull. (Singapore) 29: 25-34; 1977.
- Sowerby, A. de Carle. The mammals of the Japanese Islands. Note de mammalogie No. 1 of Musee Heude, Chang-hai; 1943. 66 p.
- Sowler, S.G. Tooth eruption in known age specimens of *Epomorphorus wahlbergi*. S. Afr. J. Wildl. Res. 10(3-4): 112-117; 1980.
- Sreenivasan, M.A.; Bhat, H.R.; Geevarghese, G. Observations on the reproductive cycle of *Cynopterus sphinx sphinx* (Chiroptera, Pteropidae). J. Mammal. 55(1): 200-202; 1974.
- Sreenivasan, M.A.; Bhat, H.R.; Naik, S.V.; Banerjee, K. Susceptibility of *Rousettus leschenaulti* to infection with Kyasanur Forest disease virus, a note. Indian J. Med. Res. 69: 535-537; 1979.
- Srivastava, M.D.L.; Bhatnagar, V.S. Study of somatic chromosomes of eight common mammals of Allahabad. Natl. Acad. Sci. India Annu. Number 1967(37): 136; 1967.
- Start, A.N. Pollination of the baobab (*Adansonia digitata* L.) by the fruit bat *Rousettus aegyptiacus* E. Geoffroy. East Afr. Wildl. J. 10(1): 71-72; 1972.
- Start, A.N. More cave earwigs transported by a fruit bat. Malay. Nat. J. 27(3-4); 1974.
- Start, A.N. Another specimen of *Dyacopterus spadiceus* from Sarawak. Sarawak Mus. J. 23(44): 267; 1975.

- Start, A.N.; Marshall, A.G. Nectarivorous bats as pollinators of trees in west Malaysia. In: Burley, J.; Styles, B.T., eds. Tropical trees: variation, breeding and conservation; Linnean Soc. Symposium Series No. 2. London: Academic Press; 1976: 141-150.
- Stephan, H.; Pirlot, P.; Schneider, R. Volumetric analysis of Pteropid brains. *Acta Anat.* 87(2): 161-192; 1974.
- Stiller, D.; Ranchitham, S.T. Production of cement substance by larval argasid ticks at the site of attachment, a preliminary report. *Southeast Asian J. Trop. Med. Public Health.* 6(3): 445-447; 1975.
- Stiller, D.; Sivanandam, S.; Hassan, R.B.A. A report of larval nematodes from *Ornithodoros batuensis* (Acarina: Argasidae) parasitic on the cave fruit bat *Eonycteris spelaea*. *Southeast Asian J. Trop. Med. Public Health* 6(3): 447-448; 1975.
- Stiller, D.; Sullivan, J.J. New host and locality records for *Gastronyssus bakeri* new record (Acari:Gastronyssidae) a stomach parasite of Malaysian fruit bats with notes on immature stages. *J. Med. Entomol.* 14(2): 250-252; 1977.
- Strickler, T.L. Functional osteology and myology of the shoulder in the Chiroptera. Basel, Switzerland: S. Karger AG; 1978. 198 p.
- Summers, C.A.; Suthers, R.A. Sensitivity of echo location in the megachiropteran fruit bat *Rousettus*. 103rd meeting of the Acoustical Society of America, Chicago, IL, 1982 April 26-30. *J. Acous. Soc. Amer.* 71 (Suppl. 1), 1982. S50. (Abstract)
- Sussman, R.W.; Raven, P.H. Pollination by lemurs and marsupials: an archaic coevolutionary system. *Science* 200(4343): 731-736; 1978 May 19.
- Suthers, R.A. A comment on the role of choroidal papillae in the fruit bat retina. *Vision Res.* 10(9): 921-922; 1970.
- Suthers, R.A. Responses of neurons in the visual cortex of an echo-locating bat. *Fed. Proc.* 36(3): 507; 1977.
- Suthers, R.A.; Summers, C.A. Behavioral audiogram and masked thresholds of the megachiropteran echo-locating bat *Rousettus aegyptiacus*. *J. Comp. Physiol. A. Sens. Neural. Behav. Physiol.* 136(3): 227-234; 1980.
- Suttie, J.M. Disturbance behavior of the Seychelles fruit bat *Pteropus seychellensis seychellensis* (Milne Edwards 1877). In: Racey, P.A., ed. Aberdeen University Expedition to the Seychelles 1977: Aberdeen Univ. Dep. of Zoology, Rep. Cyclostyled. 1979: 116-135.
- Suyanto, A. Flying fox, *Pteropus vampyrus* L. and its role. *Bull. Kebun Raya (Botanical Gardens of Indonesia)* 4(1): 1-4; 1979. (Summary in Indonesian and English)
- Swanepoel, P. Small mammals of the Addo Elephant National Park, South Africa. *Koedoe* (18): 103-130; 1975.
- Swynnerton, G.H.; Hayman, H.W. A checklist of the mammals of the Tanganyika Territory and the Zanzibar Protectorate. *J. East Africa Nat. Hist. Soc.* 20. 6, 7(90): 274-392; 1950.
- Sykes, W.R. Contributions to the flora of Niue. *Bull. Sci. Industr. Res.*, Wellington 200; 1970. 321 p.
- Tate, G.H.H. Bats of the Pacific Islands, including a new fruit bat from Guam. *Amer. Mus. Novit.* 713: 1-3; 1934.
- Tate, G.H.H. Notes on the types of certain early described species of monotremes, marsupials, Muridae and bats from the Indo Australian region. *Amer. Mus. Novit.* 1061: 1-10; 1940.
- Tate, G.H.H. Pteropodidae (Chiroptera) of the Archbold Collections. *Bull. Amer. Mus. Nat. Hist.* 80: 331-353; 1942.
- Tate, G.H.H. Geographical distribution of the bats in the Austral Archipelago. *Amer. Mus. Novit.* 1323: 1-21; 1946 July 15.
- Taufflieb, R. Three new Trombiculidae Acarina from Sengal. *Acarologia* 14(2): 190-197; 1972.
- Temminck, C.J. Monographies de Mammologie. I. Paris; 1825.
- Theodor, O. *Brachytarsina ethiopica* new species (Diptera: Streblidae) from an Ethiopian bat *Rousettus lanosus kempfi*. *Rev. Suisse Zool.* 86(3): 679-680; 1979.
- Thomas, O. Descriptions of two new species of *Pteropus* from the Caroline Islands. *Proc. Zool. Soc. Lond.* 755-757; 1882.
- Thomas, O. On some mammals collected by Mr. Albert Meek on Fergusson Island, d'Entrecasteaux Group. *Novit. Zool.* 2: 163-165; 1895.
- Thomas, O. On mammals collected by Mr. Albert Meek on Woodlark Island and on Kiriwina in the Trobriand Group. *Novit. Zool.* 3: 526-529; 1896.
- Thomas, O. On mammals from Manus Island, Admiralty Group, and Ruk Island, Bismarck Archipelago. *Ann. Mag. Nat. Hist.* 13: 434-439; 1914.

- Thomas, O. On some small mammals, chiefly bats, from the East Indian Archipelago. *Ann. Mag. Nat. Hist.* 9(11): 250-255; 1923.
- Thomas, S.P. Metabolism during flight in two species of bats, *Phyllostomus hastatus* and *Pteropus gouldii*. *J. Exp. Biol.* 63(1): 273-293; 1975.
- Thomas, D.W.; Fenton, M.B. Notes on the dry season roosting and foraging behavior of *Epomophorus gambianus* and *Rousettus aegyptiacus* (Chiroptera: Pteropodidae). *J. Zool. (Lond.)* 186(3): 403-406; 1978.
- Thonglongya, K. A new genus and species of fruit bat from south India (Chiroptera:Pteropodidae). *J. Bombay Nat. Hist. Soc.* 69(1): 151-158; 1972.
- Tibayrenc, M.; Bain, O.; Ramachandran, C.P. Deux nouvelles *Litomosa* (Filariodidea) de chauve-souris. (Two new species of *Litomosa* [Filarioidea] from bats). *Bull. Mus. Nat. Hist. Nat. (Paris) Sect. A* (1): 183-189; 1979. (Summary in English)
- Tickell, Lieutenant. Remarks on *Pteropus edulis*. In: Clelland, John M. *Calcutta J. Nat. Hist.* vol. III, S. 29-36. Calcutta, 1843.
- Topal, G. Field observations on oriental bats sex ratio and reproduction. *Vertebr. Hung.* 15:83-94; 1974.
- Trevisi, M.; Pagani, P.A.; Sirigu, P. Comparative research on the size of neurons of the cochlear ganglion in various species of mammals. *Arch. Sci. Biol.* 56(2-4) 91-96; 1972.
- Trouessart, E.L. *Catalogus Mammalium tam Viventum quam fossilium. Quinquennale Supplementum*, Parts 1 and 2. Berlin: Friedlander & Sohn; 1904. 546 p.
- Troughton, Ellis Le G. Fixation of the habitat and extended description of *Pteropus tuberculatus* Peters. *Rec. Aust. Mus.* 15(5): 355-359; 1927.
- Troughton, E. Le G. A new species and subspecies of fruit bat (*Pteropus*) from the Santa Cruz Group. *Rec. Aust. Mus.* 18(1): 1-4; 1930.
- Troughton, E. Le G. Note on the occurrence of a second species of fruit-bat (*Pteropus scapulatus*) in South Wales. *Aust. Zool.* 6: 104-106; 1929-31.
- Troughton, E. Le G. The mammalian fauna of Bougainville Island, Solomons Group. *Rec. Aust. Mus.* 19(5): 341-353; 1936.
- Uchikawa, K.; Suzuki, H. The parasite fauna of Thailand 3. Mites associated with Thai mammals. *Trop. Med.* 22(1): 13-26; 1980.
- United States Department of Interior. Status of Guam species under review. *Endangered Species Tech. Bull.* 4(6): 6; 1979.
- Vamburker, S.A. The male genital tract of the Indian megachiropteran bat *Cynopterus sphinx gangeticus* And. *Proc. Zool. Soc. Lond.* 130: 57-77; 1958.
- van der Westhuyzen, J. Feeding pattern of fruit bat *Rousettus* and diurnal rhythm of some blood metabolites. *S. Afr. Med. J.* 49(8): 275; 1975.
- van der Westhuyzen, J. The feeding pattern of the fruit bat *Rousettus aegyptiacus* in captivity. *S. Afr. J. Med. Sci.* 41(4): 271-278; 1976.
- van der Westhuyzen, J. The diurnal cycle of some energy substrates in the fruit bat *Rousettus aegyptiacus*. *S. Afr. J. Sci.* 74: 99-101; 1978a March.
- van der Westhuyzen, Justin. Observations on liver heart and muscle glycogen in the fruit bat *Rousettus aegyptiacus*. *S. Afr. J. Sci.* 74(8): 303-304; 1978b.
- van der Westhuyzen, J. Conduction velocity in the ulnar nerve of the fruit bat *Rousettus aegyptiacus* is not impaired by vitamin B-12 deficiency. *S. Afr. J. Sci.* 78(7): 288-289; 1982.
- van der Westhuyzen, J.; Cantrill, R.C.; Fernandes-Costa, F.; Metz, J. Lipid composition of the brain in the vitamin B-12 deficient fruit bat *Rousettus aegyptiacus* with neurological impairment. *J. Neurochem.* 37(3): 543-549; 1981.
- van der Westhuyzen, J.; Cantrill, R.C.; Fernandes-Costa, F.; Metz, J. Effect of a vitamin B-12 deficient diet on lipid and fatty-acid composition of spinal cord myelin in the fruit bat *Rousettus aegyptiacus*. *J. Nutr.* 113(3): 531-537; 1983.
- van der Westhuyzen, J.; Fernandes-Costa, F. Ultrastructure of leukocytes in the vitamin B-12 deficient fruit bat. *Elektronmikroskopiever. Suidelike Afr.* 6: 29-30; 1976.
- van der Westhuyzen, J.; Fernandes-Costa, F.; Metz, J. Cobalamin inactivation by nitrous oxide produces severe neurological impairment in fruit bats: protection by methionine and aggravation by folates. *Life Sci.* 31(18): 2001-2010; 1982.

- van der Westhuyzen, J.; Lashansky, G.; Cantrill, R.C. Fatty acid composition of synaptosomes from normal and cobalamin deficient bat brain. *Comp. Biochem. Physiol. B Comp. Biochem.* 73(2): 297-300; 1982.
- van der Westhuyzen, J.; Pseba, J.; Fernandes-Costa, F.; Metz, J.; Kanazawa, S.; Drivas, G.; Herbert, V. Cobalamin (vitamin B12) analogs are absent in plasma of fruit bats exposed to nitrous oxide (*Rousettus aegyptiacus*). *Proceedings of the Society for Experimental Biology and Medicine.* 171(1): 88-91; 1982.
- Van Deusen, Hobart M. Carnivorous habits of *Hypsignathus monstrosus*. *J. Mammal.* 49: 335-336; 1968.
- Van Deusen, H.M. Results of the 1958 to 1959 Gilliard New Britain Expedition. Part 5. A new species of *Pteropus* (Mammalia:Pteropodidae) from New Britain, Bismarck Archipelago. *Amer. Mus. Novit.* (2371): 1-15; 1969.
- Van Deusen, H.M. Bats. In: *Encyclopedia on Papua and New Guinea*. Melbourne, Australia: Melbourne University Press; 1972: 60-63.
- Van Peenen, P.F.D. A guide to the fruit bats of South Vietnam. *Formosan Sci.* 22(2): 95-107; 1968.
- Van Peenen, P.F.D.; Hoogstraal, H.; Duncan, J.F.; Ryan, P.F. Hematozoa from mammals of South Vietnam. *J. Protozool.* 15(3): 608-614; 1968.
- van Tonder, S.V.; Metz, J.; Green, R. Tissue vitamin B-12 assay by a radioisotope dilution technique. *Clin. Chem. Acta* 63(3): 285-296; 1975a.
- van Tonder, S.V.; Metz, J.; Green, R. Vitamin B12 metabolism in the fruit bat (*Rousettus aegyptiacus*). The induction of vitamin B12 deficiency and its effect on folate levels. *Br. J. Nutr.* 34(3): 397-410; 1975b.
- Verschuren, J. The Chiroptera of Mount Nimba, Liberia. *Mammalia* 40(4): 615-632; 1976.
- Verschuren, J. Chiroptera of Burundi, east-central Africa. *Bull. Inst. R. Sci. Nat. Belg. Biol.* 52(19): 1-9; 1980. (In French)
- Viellard, J. Les Chiropteres du Tchad. (Chiroptera from Chad.) *Rev. Suisse Zool.* 81(4): 975-992; 1974.
- Wahlstrom, B.A. Ionic content and ionic fluxes in smooth muscle of the metacarpal vein of the flying fox, *Pteropus giganteus*. *Comp. Biochem. Physiol. Part A. Comp. Physiol.* 59(1): 21-26; 1978.
- Walker, E.P. *Mammals of the World*. Baltimore; 1964, 1965, 1968.
- Wallace, G.D.; Marshall, L.; Marshall, M. Cats, rats, and toxoplasmosis on a small Pacific island. *Amer. J. Epidemiol.* 95(5): 475-482; 1972.
- Walton, D.W. New records of bats (Chiroptera) from Pakistan. *J. Mammal. Soc. Jpn.* 6(2): 43-50; 1974.
- Ward, P. Flying lemurs. *Animals (Lond)* 11(8): 364-365; 1968.
- Watling, D.; Pernetta, J.C. Limestone caves in the Sigatoka Valley, Viti Levu, Fiji. *Stud. Speleol.* 3(2): 78-87; 1977.
- Weber, R.H.; Kallen, F.C. The sympathetic trunks of bats. *Acta Anat.* 80(2): 222-234; 1971.
- Wells, D.R.; Labang, D. Cave earwigs transported by a fruit bat. *Mala. Nat. J.* 27(1-2): 59; 1974.
- Wheeler, Michael E. The Marianas fruit bat: Management history, current status, and future plans. *Proceedings of the 10th annual joint conference of the Wildlife Society—Western Section and the California-Nevada Chapter of the American Fisheries Society*, Long Beach, California; February 1-3, 1979a.
- Wheeler, Michael E. A bibliography of the fruit bat genus *Pteropus*. Division of Aquatic and Wildlife Research Technical Report No. 4. Guam, MI: 1979b. 30 p.
- Wheeler, Michael E. The status of the Marianas fruit bat on Saipan, Tinian, and Rota. *'Elepaio* 40(8): 109-113; 1980a February.
- Wheeler, Michael E. Fruit bat abundance, phenology of fruiting, and interspecific associations in the limestone forest of Guam. In: *Division of Aquatic and Wildlife Resources Annual Report*. Guam, Department of Agriculture; 1980b: 253-303.
- Wheeler, Michael E.; Aguon, Celestino F. The current status and distribution of the Marianas fruit bat on Guam. *Division of Aquatic and Wildlife Resources Technical Report No. 1*. Guam, MI: 1978. 29 p.
- Wickler, W.; Seibt, U. Reciprocal disturbances in copulating male epaulet bats. *Naturwissenschaften* 62(9): 442-443; 1975.
- Wickler, W.; Seibt, U. Field studies on the African fruit bat *Epomophorus wahlbergi* with special reference to male calling. *Z. Tierpsychol.* 40(4): 345-376; 1976.
- Wiles, G.J. The current status, distribution and natural history of Marianus fruit bat. *Division of Aquatic and Wildlife Resources Annual Report*; Guam Dep. of Agriculture. 160-166; 1981a.

- Wiles, G.J. Movement patterns and habitat utilization of Marianas fruit bats. Division of Aquatic and Wildlife Resources Annual Report; Guam Dep. of Agriculture. 167-172; 1981b.
- Willey, A. Crows and flying-foxes at Barbelyn. Spolia Zeylan. 2, Part V, S. 50-51; 1904.
- Williams, R.T. The conjugation of benzoic-acid in the African bat *Epomops franqueti*. Comp. Biochemical Physiol. Part C. Comp. Pharmacol. 56(2): 103-104; 1977.
- Wilson, D.E. Bat faunas: a trophic comparison. Syst. Zool. 22: 14-29; 1973.
- Wilson, E.J. Rats in the Pacific area. Mammal Rev. 3(2): 43-45; 1973.
- Wilson, Nixon; Wodzicki, Kazimierz. Ectoparasites from fruit bats and rats on Niue Island. N.Z.J. Zool. 4(4): 383-388; 1977.
- Wimsatt, William A., ed. Biology of bats. Vol. I. New York: Academic Press; 1970a. 406 p.
- Wimsatt, W.A., ed. Biology of bats. Vol. II. New York: Academic Press; 1970b. 477 p.
- Wimsatt, W.A., ed. Biology of bats. Vol. III. New York: Academic Press; 1977. 651 p.
- Wodzicki, Kazimierz; Felten, Heinz. The peka or fruit bat *Pteropus tonganus tonganus* (Mammalia:Chiroptera) of Niue Island, South Pacific. Pac. Sci. 29(2): 131-138; 1975.
- Wodzicki, K.; Felten, H. Fruit bats of the genus *Pteropus* from the islands Rorotonga and Mangiao, Cook Islands, Pacific Ocean. Senckenbergiana Biol. 61: 143-151; 1980.
- Worth, R.M.; Shah, N.K. Nepal Health Survey, 1965-1966. Honolulu: Univ. Hawaii Press; 1969. 158 p.
- Wrangham, R.W. Female choice of least costly males a possible factor in the evolution of leks. Z. Tierpsychol. 54(4): 357-367; 1980.
- Yamashina, Yoshimaro. New species of bats found in the mandated south sea islands. J. Taiwan Soc. of Nat. Hist. 22(121): 240-241; 1932.
- Yap, L.F.; Lim, B.L.; de Witt, G.F.; Krishnasamy, M.; Sivanandam, S.; Yen, P.F.K. Protozoan and helminth parasites of small wild animals in a new Felda settlement Jenderak Utara, Central Pahang, Peninsular Malaysia. Southeast Asian J. of Trop. Med. Public Health 8(3): 345-353; 1977.
- Yong, Hoi-Sen; Dhaliwal, S.S. Chromosomes of the fruit bat subfamily Macroglossinae from Peninsular Malaysia. Cytologia (Tokyo) 41(1): 85-89; 1976.
- Yong, Hoi-Sen; Dhaliwal, S.S.; Boo-Liat, L.; Kok-Leng, T.; Start, A.N. Uniformity in the karyotypes of the fruit bats *Cynopterus* (Mammalia:Chiroptera:Pteropodidae). Malays. J. Sci. 2: 19-23; 1973.
- Youdeowei, A. A simple technique for observing and collecting the saliva of tsetse flies (Diptera:Glossinidae). Bull. Entomol. Res. 65(10): 65-68; 1975.
- Zack, S.; Czeschlik, D.; Heldmaier, G. Daily activity pattern of fruit bats *Pteropus giganteus* under natural light conditions. Naturwissenschaften 66(6): 322-323; 1979.
- Ziegler, A.C. The Australo Papuan genus *Syconycteris* (Chiroptera:Pteropodidae) with the description of a new Papua New-Guinea species. Occas. Pap. Bernice P Bishop Mus. 25(5): 1-22; 1981.
- Zook, B.C. Lead poisoning in zoo animals. Zool. Gart. 45(2): 143-147; 1975.
- Zook, B.C.; Sauer, R.M.; Garner, F.M. Lead poisoning in Australian fruit bats (*Pteropus poliocephalus*) AVMAJ (Amer. Vet. Med. Assoc. J.) 157(5): 691-694; 1970 September 1.
- Zook, B.C.; Sauer, R.M.; Garner, F.M. Lead poisoning in captive wild animals. J. Wildl. Dis. 8(3): 264-272; 1972.
- Zumpt, F.; Elliott, G. Description of two species of androlaelaps from Nigeria with remarks on three other species (Acarina:Mesostigmata:Dermanyssidae). J. Med. Entomol. 7(3): 341-347; 1970.

Subject Index

General

Adam and Hubert 1972; Aellen 1952; Aitken 1886; Allen 1939a; Allen 1939b; Andersen 1909; Andersen 1912; Anderson 1902; Andrews 1900; Anon. 1977; Aquatic and Wildlife Resources Division 1978; Baker 1929; Balogun 1975; Balogun 1977; Beaufort 1913; Bemmell 1974; Bergmans 1973; Bergmans 1978c; Breadon 1932; Brenchley 1873; Brosset 1962; Brosset 1966b; Bruner and Pratt 1979; Bryan 1939; Carpenter 1978; Carter, Hill, and Tate 1945; Clapp 1974; Clapp and Paradiso 1973; Coe 1975; Cyprus 1978; Cyprus 1979; De Vis 1905; De Vree 1969; Degener 1949; Dobson 1873; Dobson 1876; Duplaix-Hall 1973; Dwyer 1975 Eisenberg 1966; Eisentraut 1973; Eisentraut and Jansen 1944; Ewers 1974b; Firbas and Welleschik 1973; Fletcher 1906; Fletcher 1907; Flower 1932; Funaioli and Lanza 1968; Gould 1863; Grasse 1805; Griffin 1974; Hadden 1981; Hall 1973; Hall 1979; Hamilton-Smith 1974; Harrison 1952; Harrison 1956; Hayman 1967; Hayman and Hill 1971; Hayman, Misonne, and Verheyen 1966; Heuglin 1865; Hill 1956; Hill 1970; Jackson 1962; Jentink 1906; Jones 1971; Keegan 1979; Kingdon 1973; Kingdon 1974; Kloes 1908; Kock 1977; Koopman and Cockrum 1967; Krzanowski 1967; Kulzer 1969c; Land Conservation Council 1973; Land Conservation Council 1974; Lay 1892; Lekagul and McNeeley 1977; Linsley 1934; Loeb 1926; Madkour 1975b; Madkour 1977a; McCann 1934; McCann 1940a; McCann 1941; McCoy 1980; Medway 1969; Meyer 1874; Morris 1965; Nicholson 1945; Novick 1958a; Novick 1973; Novick and Leen 1969; Owen 1977; Parker 1972; Peterson 1969; Phillips 1935; Pohle 1952; Polunin and Procter 1973; Powell 1870; Ratcliffe 1932; Rice, Kamugisha, and Sebugwawo 1972; Rivett 1927; Rivett 1927; Robbins 1980; Rosevear 1953; Rosevear 1965; Ruempler 1979; Schouteden 1947; Smith 1902; Smithers 1971; Smithers and Lobao Tello 1976; Prater 1971; Swanepoel 1975; Tickell 1843; USDI (United States Department of Interior) 1979; Van Deusen 1972; Van Peenen 1968; Walker 1968; Ward 1968; Watling and Pernetta 1977; Wheeler 1979b; Willey 1904; Wimsatt 1970a; Wimsatt 1970b; Wimsatt 1977

Taxonomy and Zoogeography

Adam and Hubert 1972; Adam and Le Pont 1974; Advani 1982; Aellen 1950; Aellen 1952; Allen 1939a; Allen, Lang, and Chapin 1917; Andersen 1909; Andersen 1912; Ando, Tagawa, and Uchida 1980; Ansell 1960; Ansell 1974; Ansell and Ansel 1973; Bergmans 1973; Bergmans 1975a; Bergmans 1975b; Bergmans 1976; Bergmans 1977; Bergmans 1978b; Bergmans 1978c; Bergmans 1979a; Bergmans 1979b; Bergmans 1979c; Bergmans 1980a; Bergmans 1980b; Bergmans 1982; Bergmans, Bellier, and Vissault 1975; Bergmans and Van Bree 1972; Bhat 1968; Bhat 1974; Bhattacharya 1975; Bogart, Kumamoto, and Benirschke 1977; Brenchley 1873; Brosset 1962; Brosset 1966a; Cabera 1920; Cansdale 1948; Chaturvedi 1969; Cheke and Dahl 1981; Coe 1975; Cooper and Bhatnager 1975; Daniel 1975; Deblase 1980; De Vree 1969; De Vree 1970; De Vree 1971; De Vree and van der Straeten 1971; Diamond and Lecroy 1979; Dobson 1873; Dobson 1876; Dobson 1878; Doyle 1970; Drahos and Strong 1962; Dulic and Mutere 1977; Du Preeze 1969; Dwyer 1975; Dybowski 1893; Eisentraut 1959a;

Eisentraut 1959b; Eisentraut 1963; Eisentraut 1963; Eisentraut 1964; Eisentraut 1965; Eisentraut 1973; Ellerman and Morrison-Scott 1951; Ewers 1974a; Felten 1964; Felten and Kock 1972; Fenton 1975; Firbas and Welleschik 1973; Fletcher 1906; Fletcher 1907; Flower 1932; Funaioli and Lanza 1968; Gaisler and Barus 1978; Gaisler, Madkour, and Pelikan 1972; Gallagher and Harrison 1977; Grandidier 1928; Grasse 1805; Gunther 1926; Hadden 1981; Haiduk, Baker, Robbins, and Schlitter 1981; Haiduk, Robbins, Robbins, and Schlitter 1980; Hall 1979; Haltenorth 1975; Hamilton-Smith 1974; Happold and Happold 1978; Harada, Minezawa, Takada, Yenbutra, Nunpakdee, and Ohtani 1983; Harrison 1952; Harrison 1964; Hayman 1946; Hayman 1947; Hayman 1967; Hayman and Hill 1971; Hayman, Misonne, and Verheyen 1966; Hill 1956; Hill 1961; Hill 1967; Hill 1970; Hill 1971; Hill 1974; Hill 1979; Hill 1982; Hill 1983; Hill and Beckon 1978; Hill and Boeadi 1978; Hill and Morris 1971; Hill and Thonglongya 1972; Holyoak and Thibault 1978; Hope 1973; Hsu and Benirschke 1973; Hyndman and Menzies 1980; Jentink 1887; Jentink 1906; Johnson 1962; Jones 1971; Jones 1975; Jones and Maa 1976; Kamiya and Porlot 1975; Kao 1976; Khan and Bakr 1974; Khaparde 1979; Kitchener 1978; Kleinschmidt and Braunitzer 1982; Kloss 1908; Kock 1969a; Kock 1969b; Kock 1969c; Kock 1969d; Kock 1972; Kock 1974; Kock 1977; Koopman 1966; Koopman 1975; Koopman 1976; Koopman 1979; Koopman and Cockrum 1967; Koopman, Mumford, and Heisterberg 1978; Kowalski 1976; Krzanowski 1977; Kuhn 1962; Kuhn 1965; Kulzer 1969a; Kulzer 1969c; Kuroda 1933; Lanza 1969; Lagen, Kock, and Yalden 1974; Lawrence and Novick 1963; Lay 1892; Lekagul and McNeeley 1977; Lidicker and Ziegler 1968; Madkour 1976a; Madkour 1978; Mason 1908; Matschie 1899; McKean 1972a; McKean 1972b; Medway 1969; Menzies 1977; Miller 1907; Miller 1913; Mirza 1967; Mitchell and Punzo 1976; Mokkapat and Dominic 1977; Morii 1977; Morris 1965; Moruzze 1979; Moutou 1982; Nader 1975; Nicoll 1981; Norberg 1972; Novick 1958a; Okia 1974b; Orshoven and Van Bree 1968; Owen 1977; Paradiso 1971; Parker 1972; Parker 1973; Pathak 1965a; Pathak 1965b; Pathak 1966; Pathak and Raychaudhuri 1966; Peterson 1969; Peterson and Nagorsen 1975; Phillips 1958; Phillips 1959; Phillips 1968; Poche 1975; Pohle 1943; Pohle 1952; Polunin and Procter 1973; Pousargues 1896; Puranik, Gopalakrishna, and Chari 1976a; Quay 1969; Qumsiyeh 1980; Quoy and Gaimard 1830; Rabor 1952; Racey 1979; Robbins 1980; Romanini, Pellicciari, Bolchi, and Capanna 1975; Romer 1974; Rosevear 1953; Rosevear 1965; Rousselot 1950; Saha 1980; Sanborn 1931; Sanborn and Beecher 1947; Sanborn and Nicholson 1950; Schouteden 1947; Seebeck 1977; Sinha 1968; Sinha 1976; Sinha 1981; Sinha and Advani 1976; Smithers and Lobao Tello 1976; Sowerby 1943; Sreenivasan, Bhat and Geevarghese 1974; Srivastava and Bhatnagar 1967; Start 1975; Swanepoel 1975; Swynnerton and Hayman 1950; Tate 1934; Tate 1940; Tate 1942; Tate 1946; Temminck 1825; Thomas 1882; Thomas 1895; Thomas 1896; Thomas 1914; Thomas 1923; Thonglongya 1972; Trouessart 1904; Troughton 1927; Troughton 1930; Troughton 1931; Troughton 1936; Van Deusen 1969; Van Peenen 1968; Verschuren 1976; Verschuren 1980; Viellard 1974; Walton 1974; Ward 1968; Wheeler 1979b; Wilson 1973b; Wodzicki and Felten 1975; Wodzicki and Felten 1980; Wrangham 1980; Yamashina 1932; Yong and Dhaliwal 1976; Yong, Dhaliwal, Boo-Liat, Kok-Leng, and Start 1973; Ziegler 1981

General Biology, Ecology, and Behavior

Advani 1982; Anciaux 1976; Anderson 1980; Ansell and Ansel 1973; Baker and Baker 1936; Balen 1912; Banerjee 1972; Baranga and Kiregyera 1982a; Baron 1977a; Baron 1977b; Bartholomew, Dawson, and Lasiewski 1970; Bastawde and Mahabal 1976; Bemmell 1974; Bergmans 1973; Bergmans 1975a; Bergmans 1976; Bergmans 1978a; Bergmans 1978b; Bergmans 1978c; Bergmans 1979a; Bergmans 1979c; Bergmans and Van Bree 1972; Bhatt 1942; Bradbury 1977; Breadon 1931; Breadon 1932; Brosset 1966a; Brosset 1966b; Brown 1973; Burch 1892; Carpenter 1975; Carroll 1978; Carroll 1979; Clunie 1976; Clunie 1976; Coe 1975; Cook 1979; Cunningham van Someren 1972; Cyprus 1979; Daniel 1975; De Guelldre and De Vree 1982; Deblase 1980; Dobson 1881; Doyle 1970; Drahos and Ikehara 1971; Du Preeze 1969; Eisenberg 1966; Eisenberg and Wilson 1978; Eisentraut 1973; Eisentraut and Jansen 1944; Erkert 1970; Erkert 1976; Erkert, Bay, and Kracht 1976; Fayenuwo and Halstead 1974; Fenton 1975; Ferrar 1934; Funmilayo 1976; Funmilayo 1979; Gaisler, Madkour, and Pelikan 1972; Galil, Stein, and Horovitz 1977; Gopalakrishna and Choudhari 1977; Gopalakrishna and Madhavan 1970; Gould 1977; Gould 1978; Gould 1979; Hall 1973; Hamilton-Smith 1974; Herzig-Straschil and Robinson 1978; Hill 1979; Holyoak and Thibault 1978; Howell 1979; Howell and Hodgkin 1976; Howland, Murphy, Kwiecinski, Kern, and Kallen 1982; Jacobsen and du Plessis 1976; Jansen and Eisentraut 1945; Johnson and Titlebaum 1976; Jones 1971; Jones 1972; Jones 1973; Jones and Maa 1976; Kao 1976; Keegan 1982; Khaparde 1979; Kingdon 1974; Kobayashi, Uemura, Wada, and Takei 1978; Kock 1977; Koopman, Mumford, and Heisterberg 1978; Kulzer 1958; Kulzer 1963; Kulzer 1968a; Kulzer 1968b; Kulzer 1969a; Kulzer 1969b; Kulzer 1969c; Kunz 1982; Laburn and Mitchell 1975; Largen, Kock, and Yalden 1974; Lavery 1973; Lawrence and Novick 1963; Lim 1970; Linsley 1934; Madkour 1977a; McCann 1934; McCann 1940a; McCann 1940b; McCann 1941; Mirza 1967; Moutou 1982; Murphy, Kwiecinski, Howland, Kern, and Kallen 1982; Mutere 1968a; Mutere 1973; Nelson 1964; Nelson 1965a; Nelson 1965b; Neuweiler 1962a; Neuweiler 1962b; Neuweiler 1967; Nicoll 1981; Norton and van der Merwe 1978; Novick 1958b; Ogilvie and Ogilvie 1964; Okon 1974c; Okon and Ekanem 1979; Okon, Umukora, and Ajudua 1978; Pennycuick 1971; Perez 1968; Perez 1972; Perez 1973; Peterson 1969; Puranik, Gopalakrishna, and Chari 1976a; Puranik, Gopalakrishna, and Chari 1976b; Ratcliffe 1931; Ratcliffe 1931; Ratcliffe 1932; Ratcliffe 1961; Ripley 1960; Robbins 1980; Roberts 1975; Robinson 1973; Robinson 1982; Robinson and Morrison 1957; Rosevear 1965; Rousselot 1950; Simmons 1973; Sinclair no date; Singh and Patnaik 1966; Sinha 1981; Sinha and Advani 1976; Summers and Suthers 1982; Suthers 1977; Suthers and Summers 1980; Suttie 1979; Suyanto 1979; Thomas and Fenton 1978; Troughton 1927; van der Westhuyzen 1975; van der Westhuyzen 1976; van der Westhuyzen 1978a; Van Deusen 1968; Verschuren 1976; Ward 1968; Wells and Labang 1974; Wheeler 1979a; Wickler and Seibt 1975; Wickler and Seibt 1976; Wiles 1981b; Wilson 1973a; Wilson 1973b; Wilson 1979a; Wodzicki and Felten 1975; Wrangham 1980; Zack, Czeschlik, and Heldmaier 1979; Ziegler 1981

Fruit Bat – Plant Interactions

Ayensu 1974a; Ayensu 1974b; Baker 1972; Baker and Harris 1957; Baker and Harris 1959; Coe and Isaac 1965; Cox 1980; Cunningham van Someren 1972; Funmilayo 1976; Gould 1977; Gould 1978; Harris and Baker 1958; Harris and Baker 1959; Heide 1927; Heurn 1929; Jaeger 1945; Jaeger 1974; Kaisila 1966; Kock 1972; Kunz 1982; Lack 1978; Malangnoux and Gautun 1976; McCann 1933; McCann 1940b; Meijer 1969; Nur 1976; Pijl 1936; Pijl 1957; Pijl 1961; Soepadmo and Eow 1977; Start 1972; Start and Marshall 1976; Sussman and Raven 1978; Sykes 1970; Thomas and Fenton 1978; Wheeler 1980b

Reproduction, Reproductive Physiology, and Development

Asdell 1964; Ashfaq and Tungare 1960; Baker and Baker 1936; Baron 1977b; Beck and Lim 1973; Bergmans 1979a; Bhardwaj and Lall 1979; Bhardwaj, Lall, and Jodphur 1982; Bhat, Sreenivasan, and Jacob 1980; Bhatt 1942; Blackwell 1967; Bradbury 1977; Czekala and Benirschke 1974; Fayenuwo and Halstead 1974; Folsch 1967; Gadegone and Sapkal 1981; Ginther 1967; Gopalakrishna 1964; Gopalakrishna 1969a; Gopalakrishna 1969b; Gopalakrishna 1971; Gopalakrishna and Choudhard 1977; Gopalakrishna and Karim 1971; Gopalakrishna and Karim 1972; Gopalakrishna and Karim 1974; Gopalakrishna and Madhavan 1970; Gopalakrishna, Madhavan, Thakur, and Rajgopal 1974; Gopalakrishna and Murthy 1960; Gopalakrishna, Phansalkar, and Sahasrabudhe 1970; Gopalakrishna and Rajgopal 1974; Jaroli and Lall 1980a; Jaroli and Lall 1980b; Jones 1972; Karim 1973; Karim, Wimsatt, Enders, and Gopalakrishna 1979; Karim, Wimsatt, and Gopalakrishna 1978; Klima and Gaisler 1968; Krutzsch and Beck 1975; Kulzer 1966a; Kulzer 1966b; Kunz 1982; Lall 1979; Lall 1980a; Lall 1980b; Lall 1981; Lall (In press); Lanza 1969; Lim 1970; Madkour 1976d; Marshall 1947; Marshall 1953; Moghe 1951; Moghe 1956; Mokkapati and Dominic 1976; Mokkapati and Dominic 1977; Mote and Nalavade 1982; Mutere 1968a; Mutere 1968b; Noll 1979a; Okia 1974a; Okia 1974b; Perez 1973; Perez 1973; Pook 1978; Ramakrishna 1947; Robinson 1973; Sabnis 1973; Sapkal and Gadegone 1979; Sapkal and Gadegone 1980; Sapkal and Gadegone 1981; Sinha and Advani 1976; Sowler 1980; Sreenivasan, Bhat, and Geevarghese 1974; Topal 1974; Wrangham 1980.

Non-Reproductive Physiology and Biochemical Studies

Bababunmi, Smith, and Williams 1973; Baranga 1978; Baranga 1980; Bartholomew, Dawson, and Lasiewski 1970; Bartholomew, Leitner, and Nelson 1964; Bhardwaj, Lall, and Jodphur 1982; Bhat, Sreenivasan, Goverdhan, Naik, and Banerjee 1978; Bhide 1980; Bhide (In press); Birney, Jenness, and Ayaz 1976; Brennan, Cantrill, Warner, van der Westhuyzen, Fernandes-Costa, Kramer, and Metz 1980; Bridges, French, Smith, and Williams 1970; Brown 1973;

Caldwell 1980; Capel, French, Millburn, and Williams 1972; Carpenter 1975; Castillo and Lehmann 1977; Chakraborty and Chakravarty 1983; Church and Warren 1968; De Gueldre and De Vree 1982; Dixon, Caldwell, and Smith 1977a; Dixon, Caldwell, and Smith 1977b; Dixon, Uwaifo, Caldwell, and Smith 1974; Edvinsson, Huggel, Nielsen, and Owman 1974; Ette, French, Smith, and Williams 1974; Folayan, Okunade, and Ngaha 1979; Green, Myers, and Jacobsen 1979; Green, van Tonder, Cole, and Metz 1974; Green, van Tonder, Oettle, Cole, and Metz 1975; Griffin 1974; Grinnel and Hagiwara 1972; Guillon and Gresser 1978; Gupta and Agarwal 1973; Gupta, Mathur, and Yadav 1981; Haiduk, Baker, Robbins, and Schlitter 1981; Hatten, Lutskus, and Sulkin 1973; Herreid, Bretz, and Schmidt-Neilsen 1968; Howell and Hodgkin 1976; Howland, Murphy, Kwiecinski, Kern, and Kallen 1982; Huggel, Johansson, and Peristiany 1973; Hussein, and Elashry 1979; Idle, Milburn, and Williams 1975; Keegan 1975; Keegan 1976; Keegan 1977a; Keegan 1977b; Keegan 1980; Keegan 1982; Keegan and Levine 1980; Keegan, Levine, and Balgobind 1980; Keegan and Modinger 1979; Keegan and van der Westhuyzen 1976; Kleinschmidt and Braunitzer 1982; Kobayashi, Uemura, Wada, and Takei 1978; Kulzer 1960; Kulzer 1963; Laburn and Mitchell 1975; Levine, Glassman, Cornelius, Hattingh, and Ross 1980; Levine, Keegan, Coetzer, and Wright 1980; Lewis 1977; Luck and Keegan 1972; Maina, King, and King 1982; Marks 1976; Mathur, Gupta, and Mathur 1979; Miller, Fernandes-Costa, and Metz 1980; Murphy, Kwiecinski, Howland, Kern, and Kallen 1982; Mutere 1973; Nalavade and Varute 1972a; Nalavade and Varute 1972b; Nalavade and Varute 1973a; Nalavade and Varute 1973b; Neuweiler 1967; Noll 1979b; Norberg 1972; Ogunbiyi and Okon 1976; Okon 1977; Okon and Ekanem 1979; Okon, Umukora, and Ajudua 1978; Oommen and Alexander 1982; Patnaik, Paulose, Srivastava, Misra, Singh, and Kumar 1976; Pentney and Cotter 1981; Peristiany and Huggel 1971; Peristiany and Huggel 1973; Peristiany, Huggel, and Bisetti 1978; Peristiany, Lane, and Huggel 1971; Perret, Huggel, and Millet 1976; Perry, Lumb, van der Westhuyzen, Fernandes-Costa, Metz, and Chanarin 1979a; Perry, Lumb, van der Westhuyzen, Fernandes-Costa, Metz, and Chanarin 1979b; Perry, Lumb, van der Westhuyzen, Fernandes-Costa, Metz, and Chanarin 1980; Poczipko 1971; Puranik, Gopalakrishna, and Chari 1976b; Rajalakshmi and Prasad 1970; Rao and Maiti 1981; Robinson and Morrison 1957; Romanini, Pellicciari, Bolchi, and Capanna 1975; Schrotter 1980; Simond and Mayoux 1972; Snyder 1976; Summers and Suthers 1982; Suthers 1970; Suthers 1977; Suthers and Summers 1980; Thomas 1975; van der Westhuyzen 1975; van der Westhuyzen 1978a; van der Westhuyzen 1978b; van der Westhuyzen 1982; van der Westhuyzen, Cantrill, Fernandes-Costa, and Metz 1981; van der Westhuyzen, Cantrill, Fernandes-Costa, and Metz 1983; van der Westhuyzen and Fernandes-Costa 1976; van der Westhuyzen, Fernandes-Costa, and Metz 1982; van der Westhuyzen, Lashansky, and Cantrill 1982; van der Westhuyzen, Pseba, Fernandes-Costa, Metz, Kanazawa, Drivas, and Herbert 1982; van Tonder, Metz, and Green 1975a; van Tonder, Metz, and Green 1975b; Wahlstrom 1978; Williams 1977;

Anatomy

Agrawal and Sinha 1973; Ando, Tagawa, and Uchida 1980; Ashfaq and Tungare 1960; Bakr and Shami 1974; Banerjee 1972; Baron 1977a; Bhatnagar 1967; Baron 1977b; Bhide 1980; Bhide (In press); Bhima Rao, Devaraj Sarkar, and Pilo 1975; Bogart, Kumamoto, and Benirschke 1977; Buckland-Wright 1972; Church 1970; Church and Warren 1968; Cooper and Bhatnagar 1975; Cooper and Bhatnagar 1976; Cotter 1981a; Cotter 1981b; Cotter and Pierson Pentney 1978; Cotter and Pierson Pentney 1979; Crowle 1973; Czarnecki and Kallen 1980; Datta 1977; Davis 1947; De Gueldre and De Vree 1982; Di Maio and Tonndorf 1978; Dobson 1881; Dulic and Mutere 1977; Ehinger 1973; Firbas 1972; Firbas and Sinzinger 1972; Gaisler and Barus 1978; Gaisler, Madkour, and Pelikan 1972; Gopalakrishna and Karim 1972; Gopalakrishna and Karim 1974; Green, van Tonder, Oettle, Cole, and Metz 1975; Hackethal 1973; Haiduk, Baker, Robbins, and Schlitter 1981; Haiduk, Robbins, Robbins, and Schlitter 1980; Hattingh 1973; Heran 1965; Hoshi 1971; Howell and Hodgkin 1976; Hsu and Benirschke 1973; Kamiya and Porlot 1975; Kao 1976; Karim 1973; Karim 1975; Karim, Wimsatt, Enders, and Gopalakrishna 1979; Karim, Wimsatt, and Gopalakrishna 1978; Keegan 1982; Keegan and Modinger 1977; Keegan and Modinger 1979; Khan and Bakr 1974; Krutzsch 1959; Krutzsch 1962; Kulzer 1960; Lane, Schoenberger, and Huggel 1971; Lanza 1969; Madkour 1975a; Madkour 1976a; Madkour 1976b; Madkour 1976c; Madkour 1977b; Madkour 1978; Mainoya and Howell 1979; Manley and Williams 1979; Marks 1976; Mathur, Gupta, and Mathur 1979; Mokkapati and Dominic 1977; Murphy, Kwiecinski, Howland, Kern, and Kallen 1982; Nalavade and Varute 1973b; Norberg 1972; Okon 1977; Pathak 1965a; Pathak 1965b; Pathak 1966; Pathak and Raychaudhuri 1966; Pedler and Tilley 1969; Pennycuik 1973; Pentney and Cotter 1981; Peterson and Nagorsen 1975; Pirlot 1970; Puescher 1972; Puranik, Gopalakrishna, and Chari 1976a; Puranik, Gopalakrishna, and Chari 1976b; Pye 1970; Pye and Hinchcliffe 1968; Quay 1969; Quay 1970; Roberts 1975; Sapkal 1978; Schipp 1978; Schneider 1972; Schober and Brauer 1968; Schoenenberger and Lane 1971; Sinha 1976; Sinha 1981; Stephan, Pirlot, and Schneider 1974; Strickler 1978; Suthers 1970; Thonglongya 1972; Trevisi, Pagani, and Sirigu 1972; Vamburker 1958; van der Westhuyzen and Fernandes-Costa 1976; Ward 1968; Weber and Kallen 1971; Yong and Dhaliwal 1976; Yong; Dhaliwal, Boo-Liat, Kok-Leng, and Start 1973; Ziegler 1981

Parasites and Diseases

Adam and Landau 1970; Adam and Le Pont 1974; Adeosun 1974; Aderounmu 1973; Ayala, Bradbury, and Bradbury 1981; Balogun 1975; Balogun 1977; Banerjee, Ilkal, Bhat, and Sreenivasan 1979; Barus 1973; Bedekar and Pavri 1969; Bhat, Sreenivasan, Goverdhan, Naik, and Banerjee 1978; Brown, Cross, Van Peenen, Carney, and Saroso 1974; Brygoo and Mayoux 1973; Brygoo and Rajenison 1971; Brygoo, Simond, and Mayoux 1971; Card and Compans 1970; Coulanges, Robin, Le Gondidec, Mayoux, and Bordahandy 1975; Desch 1981; Dev Sharma 1973; Doherty, Standfast, Domrow, Wetters, Whitehead, and Carley 1971; Domrow 1972;

Domrow 1973; Domrow 1981; Dusbabek and Bergmans 1980; El-Sabban, Fouad, Hussein, and Sadek 1967; Ewers 1971; Ewers 1973; Fain 1973; Fain 1975; Fain 1978; Fain, Lukoschus, and Nadchatram 1982; Gadkari, Banerjee, and Bhat 1976; Gard and Marshall 1973; Garnham 1973; Goff 1980; Guillon 1976; Guillon and Gresser 1978; Guillon, Vincent, Boche, Launay, Heme, and Benoist 1975; Hafez, Hilali, and Fouda 1978; Hamilton-Smith 1974; Hill and McNeely 1975; Hoehne, Loose, and Seeliger 1975; Kemp, Causey, Moore, Odelola, and Fabiyi 1972; Klompen, Lukoschus, Fain, and Nadchatram 1982; Kniest and Lukoschus 1981; Koeman and Takken 1977; Krishnasamy, Singh, and Iyamperumal 1981; Kunz 1982; Landau and Adam 1971; Lavoipierre and Rajamanickam 1968; Lavoipierre, Rajamanickam, and Ward 1967; Lhuillier 1978; Marinkelle 1979; Masbar, Palmieri, Marwoto, Purnomo, and Darwis 1981; Matskasi 1973; Mayoux, Brygoo, and Simond 1971; Mettler 1975; Miltgen, Landau, and Bradbury 1980; Miltgen, Landau, Rosin, and Erard 1977; Mitchell and Punzo 1976; Nir, Avivi, Lasovski, Margalit, and Goldwasser 1973; O'Connor and Griffin 1955; Pal, Arora, Chhuttani, Broor, Choudhury, Joshi, and Ray 1980; Paul, Rajagopalan, and Sreenivasan 1970; Pavri, Singh, and Hollinger 1971; Prasad 1974; Radovsky 1967; Rice, Kamugisha, and Sebugwawo 1972; Rother, Kronberger, Wendler, and Cole 1972; Salaun, Klein, and Hebrard 1974; Saoud and Ramadan 1976; Schneider and Schoop 1972; Scott 1925; Sharma 1973; Shope and Tignor 1971; Simond and Mayoux 1972; Simpson and O'Sullivan 1968; Sreenivasan, Bhat, Naik, and Banerjee 1979;

Start 1974; Stiller and Ranchitham 1975; Stiller, Sivanandam, and Hassan 1975; Stiller and Sullivan 1977; Taufflieb 1972; Theodor 1979; Tibayrenc, Bain, and Ramachandran 1979; Uchikawa and Suzuki 1980; Van Peenen, Hoogstraal, Duncan, and Ryan 1968; Wallace, Marshall, and Marshall 1972; Wilson and Wodzicki 1977; Worth and Shah 1969; Yap, Lim, de Witt, Krishnasamy, Sivanandam, and Yen 1977; Youdeowei 1975; Zook 1975; Zook, Sauer, and Garner 1970; Zook, Sauer, and Garner 1972; Zumpt and Elliott 1970;

Management and Conservation

Anderson 1980; Aquatic and Wildlife Resources Division 1978; Baranga and Kiregyera 1982a; Bruner and Pratt 1979; Drahos and Ikehara 1971; Funmilayo 1976; Halstead 1977; Howell 1979; Madkour 1975b; Ralph and Sakai 1979; Rivett 1927; Singh and Patnaik 1966; USDI (United States Department of Interior) 1979; Maijels 1979; McCann 1940b; Moutou 1982; Nicholson 1945; Wheeler 1979a; Wheeler 1980a; Wheeler and Aguon 1978; Wiles 1981a

Care in Captivity

Blackwell 1966; Blackwell 1967; Carpenter 1978; Duplaix-Hall 1973; Ewers 1974b; Green, van Tonder, Cole, and Metz 1974; Green, van Tonder, Oettle, Cole, and Metz 1975; Keegan 1979; Kloes 1908; Sanyal 1892; Zook 1975; Zook, Sauer, and Garner 1972

Genus and Species Index

Alionycteris paucidentata
Kock 1977

Aproteles bulmerae
Menzies 1977

Balionycteris
Yong and Dhaliwal 1976

Balionycteris maculata
Fain 1978; Hill and McNeely 1975

Casinycteris argynnis
Klima and Gaisler 1968

Cephalotes peronii (*Dobsonia pannietensis*)
Thomas 1985; Thomas 1896; Thomas 1914

Chironax
Temminck 1825; Walker 1968

Chironax melanocephalus
Hill 1961; Hill 1974; Hill and McNeely 1975; Hill and Thonglongya 1972

Cynopterus
Ashfaq and Tungare 1960; Cooper and Bhatnagar 1975; Gopalakrishna 1971; Gopalakrishna and Murthy 1960; Karim, Wimsatt, and Gopalakrishna 1978; Matskasi 1973; Prasad 1974; Van Peenen 1968; Yong and Dhaliwal 1976

Cynopterus angulatus
Hill and Thonglongya 1972

Cynopterus brachyotis
Baron 1977a; Baron 1977b; Bhima Rao, Devaraj Sarkar, and Pilo 1975; Brown, Cross, Van Peenen, Carney, and Saroso 1974; Fain 1973; Heurn 1929; Hill and McNeely 1975; Lavoipierre and Rajamanickam 1968; Lavoipierre, Rajamanickam, and Ward 1967; Lim 1970; Masbar, Palmieri, Marwoto, and Darwis 1981; Snyder 1976; Stiller and Sullivan 1977; Van Peenen, Hoogstraal, Duncan, and Ryan 1968; Yap, Lim, de Witt, Krishnasamy, Sivanandam, and Yen 1977; Yong, Dhaliwal, Boo-Liat, Kok-Leng, and Start 1973

Cynopterus brachyotis angulatus
Saha 1980; Salaun, Klein, and Hebrard 1974

Cynopterus brachyotis javanicus
Ando, Tagawa, and Uchida 1980

Cynopterus eonycteris
Bhat 1974

Cynopterus horsfieldii
Baron 1977a; Baron 1977b; Hill and McNeely 1975; Masbar, Palmieri, Marwoto, Purnomo, and Darwis 1981; Stiller and Sullivan 1977; Yong, Dhaliwal, Boo-Liat, Kok-Leng, and Start 1973

Cynopterus marginatus
Puranik, Gopalakrishna, and Chari 1976a; Puranik, Gopalakrishna, and Chari 1976b

Cynopterus sphinx
Advani 1982; Bhat, Sreenivasan, Goverdhan, Naik, and Banerjee 1978; Chaturvedi 1969; Cooper and Bhatnagar 1975; Cooper and Bhatnagar 1976; Gaisler and Barus 1978; Harada, Minezawa, Takada, Yenbutra, Nunpakdee, and Ohtani 1983; Hill and McNeely 1975; Khaparde 1979; McCann 1940a; Mitchell and Punzo 1976; Moghe 1956; Mokkaapati and Dominic 1976; Mokkaapati and Dominic 1977; Nalavade and Varute 1973b; Phillips 1935; Prasad 1974; Ramakrishna 1947; Sinha 1981; Topal 1974; Yong, Dhaliwal, Boo-Liat, Kok-Leng, and Start 1973

Cynopterus sphinx gangeticus
Gopalakrishna and Karim 1971; Moghe 1956; Pathak 1965a; Pathak and Raychaudhuri 1966; Vamburker 1958

Cynopterus sphinx serasani
Paradiso 1971

Cynopterus sphinx sphinx
Mote and Nalavade 1982

Cynopterus sphinx titthaechelilus
Ando, Tagawa, and Uchida 1980

Cynopterus variegatus
Ward 1968

Cynopterus volans
Ward 1968

Dobsonia
Beaufort 1913; Hill 1956; Jentink 1887; Jentink 1906; Pohle 1952; Rabor 1952; Tate 1942; Troughton 1936

Dobsonia anderseni
Bergmans 1975b; Thomas 1914

Dobsonia beauforti
Bergmans 1975b

Dobsonia exolata
Andersen 1909

Dobsonia inermis
Andersen 1909; Bergmans 1975b; Bergmans 1979b

Dobsonia inermis minimus
Phillips 1968

Dobsonia minor
Bartholomew, Dawson, and Lasiewski 1970

Dobsonia moluccensis
Andersen 1909; Bergmans 1975b; Dwyer 1975; Goff 1980;
Hyndman and Menzies 1980; Menzies 1977

Dobsonia moluccensis magna
Bergmans 1975b

Dobsonia pannietensis
Andersen 1909; Bergmans 1975b; Bergmans 1979b; De Vis
1905; Lidicker and Ziegler 1968; Tate 1940; Thomas 1895;
Thomas 1896; Thomas 1914

Dobsonia pannietensis remota
Goff 1980

Dobsonia peronii grandis
Bergmans 1978b

Dobsonia remota
Bergmans 1979b; Cabera 1920

Dobsonia viridis
Bergmans 1975b

Dyacopterus spadiceus
Kock 1969c; Peterson 1969; Start 1975

Eidolon
Baker and Harris 1957; Okon 1974c; Wilson 1973a; Yong and
Dhaliwal 1976

Eidolon gambianus
Baker and Harris 1959

Eidolon helvum
Adeosun 1974; Aderounmu 1973; Ayensu 1974b; Balogun
1975; Bergmans 1978a; Bergmans 1979a; Bergmans, Bellier,
and Vissault 1975; Blackwell 1967; Church 1970; Church and
Warren 1968; Coe and Isaac 1965; Di Maio and Tonndorf
1978; Du Preeze 1969; Dusbabek and Bergmans 1980;
Eisentraut 1964; Eisentraut 1973; Erkert 1970; Fayenuwo and
Halstead 1974; Folayan, Okunade, and Ngaha 1979;
Funmilayo 1976; Funmilayo 1979; Guillon 1976; Guillon and
Gresser 1978; Guillon, Vincent, Boche, Launay, Heme, and
Benoist 1975; Halstead 1977; Harris and Baker 1959; Hayman
1967; Jaeger 1945; Jaeger 1974; Jones 1972; Kemp, Causey,
Moore, Odelola, and Fabiyi 1972; Kock 1972; Koopman,
Mumford, and Heisterberg 1978; Kuhn 1965; Kulzer 1968a;
Kulzer 1968b; Kulzer 1969b; Mainoya and Howell 1979;
Malangnoux and Gautun 1976; Mutere 1968a; Mutere 1968b;

Ogilvie 1964; Ogunbiyi and Okon 1976; Okon 1977; Okon
and Ekanem 1979; OKon, Umukora, and Ajudua 1978; Rice,
Kamugisha, and Sebugwawo 1972; Rousselot 1950;
Schouteden 1947; Shope and Tignor 1971; Stiller and Sullivan
1977; Swynnerton and Hayman 1950; Verschuren 1976;
Verschuren 1980

Eidolon helvum sabelum
Heran 1965

Eonycteris
Ellerman and Morrison-Scott 1951; Van Peenen 1968

Eonycteris robusta
Miller 1913

Eonycteris spelaea
Ando, Tagawa, and Uchida 1980; Baron 1977a; Baron 1977b;
Beck and Lim 1973; Bhat 1968; Bhat, Sreenivason,
Goverdhan, Naik, and Banerjee 1978; Bhat, Sreenivasan, and
Jacob 1980; Bhattacharya 1975; Doyle 1970; Gould 1978;
Gould 1979; Harada, Minezawa, Takada, Yenbutra,
Nunpakdee, and Ohtani 1983; Heide 1927; Hill and McNeely
1975; Howell and Hodgkin 1976; Kamiya and Porlot 1975;
Klumpen, Lukoschus, Fain, and Nadchatram 1982; Kruttsch
and Beck 1975; Quay 1970; Soepadmo and Eow 1977; Start
1974; Start and Marshall 1976; Stiller and Ranchitham 1975;
Stiller, Sivanandam, and Hassan 1975; Stiller and Sullivan
1977; Wells and Labang 1974; Yong and Dhaliwal 1976

Epomophorus
Aellen 1952; Dobson 1881; Fenton 1975; Hayman 1967;
Hayman, Misonne, and Verheyen 1966; Kock 1972; Koopman
1975; Matschie 1899; Quay 1969; Wilson 1973a

Epomophorus anurus
Adam and Hubert 1972; Funaioli and Lanza 1968; Okia
1974a; Poescher 1972; Verschuren 1980; Viellard 1974

Epomophorus crypturus
Ansell and Ansel 1973; Peterson and Nagorsen 1975

Epomophorus franqueti buettikoferi
Poescher 1972

Epomophorus gambianus
Ansell 1960; Ayensu 1974b; Baker and Harris 1957; Bergmans
1978a; De Vree 1971; Eisentraut 1973; Hoehne, Loose, and
Seeliger 1975; Howell and Hodgkin 1976; Kock 1977;
Peterson and Nagorsen 1975; Poche 1975; Rosevear 1965;
Rousselot 1950; Thomas and Fenton 1978

Epomophorus labiatus
Bergmans 1979a; Gallagher and Harrison 1977; Kingdon 1973

Epomophorus pousarquesi

Aellen 1950; Allen 1939a; Bergmans 1978c; Dobson 1878; Dybowski 1893; Pousargues 1896; Trouessart 1904; Viellard 1974

Epomophorus reii

Aellen 1950

Epomophorus wahlbergi

Ansell and Ansel 1973; Dulic and Mutere 1977; Miltgen, Landau, Rosin, and Erard 1977; Maina, King, and King 1982; Peterson and Nagorsen 1975; Puescher 1972; Sowler 1980; Wickler and Seibt 1975; Wickler and Seibt 1976

Epomophorus wahlbergi haldemani

Bergmans 1979a; Verschuren 1980

Epomops

Adam and Landau 1970; Eisentraut 1963; Quay 1969; Rosevear 1953; Rosevear 1965; Wickler and Seibt 1975; Wilson 1973a

Epomops buettikoferi

Bergmans 1975a; Bergmans, Bellier, and Vissault 1975; De Vree 1971; Hayman 1967; Bergmans 1982; Verschuren 1976

Epomops dobsonii

Bergmans 1979c

Epomops franqueti

Bergmans 1975a; Bergmans 1979a; Blackwell 1967; De Vree 1971; De Vree and van der Straeten 1971; Eisentraut 1973; Gallagher and Harrison 1977; Haiduk, Baker, Robbins, and Schlitter 1981; Haiduk, Robbins, Robbins, and Schlitter 1980; Jones 1972; Miltgen, Landau, Rosin, and Erard 1977; Okia 1974b; Peterson and Nagorsen 1975; Pye and Hinchcliffe 1968; Williams 1977

Epomops franqueti strepitans

Bergmans, Bellier, and Vissault 1975; Hayman 1967; Rosevear 1965

Hypsignathus

Bergmans 1978a; Wickler and Seibt 1975; Wilson 1973a

Hypsignathus monstrosus

Allen, Lang, and Chapin 1917; Ayala, Bradbury, and Bradbury 1981; Bergmans 1978a; Bergmans 1979a; Bergmans, Bellier, and Vissault 1975; Bogart, Kumamoto, and Benirschke 1977; Haiduk, Baker, Robbins, and Schlitter 1981; Haiduk, Robbins, Robbins, and Schlitter 1980; Koopman, Mumford, and Heisterberg 1978; Miltgen, Landau, and Bradbury 1980; Moruzzi 1979; Quay 1969; Robbins 1980; Van Deusen 1968; Verschuren 1976; Wrangham 1980

Latidens salimalii

Thonglongya 1972

Lissonycteris

Haiduk, Robbins, Robbins, and Schlitter 1980; Lawrence and Novick 1963

Lissonycteris angolensis

Adam and Landau 1970; Adam and Le Pont 1974; Bergmans 1979a; Haiduk, Baker, Robbins, and Schlitter 1981; Landau and Adam 1971

Lissonycteris angolensis smithi

Adam and Hubert 1972; Taufflieb 1972;

Macroglossus

Ellerman and Morrison-Scott 1951; Van Peenen 1968

Macroglossus lagochilus

Yong and Dhaliwal 1976

Macroglossus minimus

Ando, Tagawa, and Uchida 1980; Desch 1981; Gould 1978; Domrow 1981; Kniest and Lukoschus F. S 1981; Start and Marshall 1976; Yong and Dhaliwal 1976

Macroglossus sobrinus

Gould 1978; Start and Marshall 1976

Megaerops

Van Peenen 1968

Megaerops ecaudatus

Harada, Minezawa, Takada, Yenbutra, Nunpakdee, and Ohtani 1983; Hill and Thonglongya 1972; Hill and McNeely 1975;

Megaerops kusnotoi

Hill and Boeady 1978

Megaloglossus

Wilson 1973a

Megaloglossus woermanni

Adam and Le Pont 1974; Bergmans 1979a; Bergmans, Bellier, and Vissault 1975; Bergmans and Van Bree 1972; Czekala and Benirschke 1974; Eisentraut 1963; Eisentraut 1964; Eisentraut 1973; Fain 1975; Haiduk, Baker, Robbins, and Schlitter 1981; Haiduk, Robbins, Robbins, and Schlitter 1980; Happold and Happold 1978; Kock 1972; Verschuren 1976

Megaloglossus woermanni prigoginei

Bergmans and Van Bree 1972

Micropteropus

Wilson 1973a

Micropteropus grandis

Bergmans 1979a

Micropteropus pusillus

Ansell 1974; Baker and Harris 1959; Bergmans 1979a; Bergmans, Bellier, and Vissault 1975; Eisentraut 1973; Gallagher and Harrison 1977; Haiduk, Baker, Robbins, and Schlitter 1981; Haiduk, Robbins, Robbins, and Schlitter 1980; Harris and Baker 1958; Hill and Morris 1971; Jones 1972; Kock 1972; Koopman, Mumford, and Heisterberg 1978; Orshoven and Van Bree 1968; Viellard 1974; Zumpt and Elliott 1970

Myonycteris

Bergmans 1980a; Wilson 1973a

Myonycteris brachycephala

Bergmans 1976

Myonycteris leptodon

Bergmans 1976

Myonycteris torquata

Bergmans 1976; Bergmans 1979a; Bergmans, Bellier, and Vissault 1975; De Vree 1971; Gallagher and Harrison 1977; Haiduk, Baker, Robbins, and Schlitter 1981; Haiduk, Robbins, Robbins, and Schlitter 1980; Happold and Happold 1978; Hill 1983; Landau and Adam 1971

Myonycteris torquata leptodon

Verschuren 1976

Myonycteris wroughtoni

Bergmans 1976

Nanonycteris

Wilson 1973a

Nanonycteris veldkampii

Baker and Harris 1957; Baker and Harris 1959; Bergmans 1982; Bergmans, Bellier, and Vissault 1975; Kock 1972; Lack 1978; Orshoven and Van Bree 1968; Verschuren 1976

Notopteris machonaldi

Clunie 1976; Watling and Pernetta 1971

Nyctimene albiventer

Bartholomew, Dawson, and Lasiewski 1970; Phillips 1968

Nyctimene major

Bartholomew, Dawson, and Lasiewski 1970; McKean 1972b

Nyctimene malaitensis

Phillips 1968

Nyctimene robinsoni

McKean 1972b

Otopteropus cartilagonodus

Kock 1969d

Paranyctimene raptor

Bartholomew, Dawson, and Lasiewski 1970

Penthetor lucasi

Kamiya and Porlot 1975

Pteropus

Agrawal and Sinha 1973; Aitken 1886; Aquatic and Wildlife Resources Division 1978; Balen 1912; Bartholomew, Leitner, and Nelson 1964; Bemmell 1974; Bhatt 1942; Birney, Jenness, and Ayaz 1976; Bredon 1932; Brenchley 1873; Brosset 1962; Carpenter 1975; Cheke and Dahl 1981; Clapp 1974; Clapp and Paradiso 1973; Davis 1947; Dev Sharma 1973; Dobson 1876; Doherty, Standfast, Domrow, Wetters, Whitehead, and Carley 1971; Domrow 1972; Domrow 1973; Drahos and Ikehara 1971; Eisenberg 1966; Eisenberg and Wilson 1978; Eisentraut and Jansen 1944; Ette, French, Smith, and Williams 1974; Ewers 1971; Ewers 1973; Ewers 1974a; Ewers 1974b; Felten 1964; Firbas 1972; Firbas and Welleschik 1973; Garnham 1973; Gopalakrishna 1971; Gopalakrishna and Rajgopal 1974; Gould 1978; Gunther 1926; Hackethal 1973; Hall 1973; Haltenorth 1975; Hamilton-Smith 1974; Harrison 1956; Herreid, Bretz, and Schmidt-Neilsen 1968; Heuglin 1865; Hill 1967; Hill 1970; Hill and Thonglongya 1972; Holyoak and Thibault 1978; Hope 1973; Hoshi 1971; Hsu and Benirschke 1973; Johnson 1962; Jones 1975; Karim, Vimsatt, and Gopalakrishna 1978; Khaparde 1979; Kitchener 1978; Kloss 1908; Koopman 1976; Krzanowski 1977; Kuroda 1933; Land Conservation Council 1973; Land Conservation Council 1974; Lane, Schoenenberger, and Huggel 1971; lanza 1969; Lavery 1973; Lay 1892; Loeb 1926; Mason 1908; McCann 1934; McKean 1972a; Meijer 1969; Miller 1907; Nalavade and Varute 1972a; Nalavade and Varute 1972b; Nalavade and Varute 1973a; Nelson 1964; Nelson 1965a; Nelson 1965b; Neuweiler 1962b; Novick 1973; O'Connor and Griffin 1955; Parker 1972; Parker 1973; Pathak and Raychaudhuri 1966; Patnaik, Paulose, Srivastava, Misra, Singh, and Kumar 1976; Perret, Huggel, and Millet 1976; Phillips 1968; Pirlot 1970; Poczipko 1971; Polunin and Procter 1973; Powell 1870; Quoy and Gaimard 1930; Ralph and Sakai 1979; Ratcliffe 1931; Ratcliffe 1932; Ratcliffe 1961; Ripley 1960; Rivett 1927; Robinson 1973; Romer 1974; Rother, Kronberger, Wendler, and Cole 1972; Ruempler 1979; Sanborn and Beecher 1947; Sanborn and Nicholson 1950; Schneider 1972; Schober and Brauer 1968; Seebeck 1977; Sharma 1973; Simmons 1973; Sinclair no date; Smith 1902; Sowerby 1943; Stephan, Pirlot, and Schneider 1974; Strickler 1978; Sussman and Raven 1978; Sykes 1970; Thomas 1882; Troughton 1930; Van Deusen 1972; Van Peenen 1968; Weber and Kallen 1971; Wheeler 1979b; Willey 1904; Wimsatt 1970a; Wimsatt 1970b; Wimsatt 1977; Wodzicki and Felton 1980; Yamashina 1932

Pteropus alecto

Jones and Maa 1976

Pteropus alecto gouldi

Gould 1863

Pteropus anetianus motalavae
Felten and Kock 1972

Pteropus anetianus pastoris
Felten and Kock 1972

Pteropus arquatus
Jones 1973; Jones and Maa 1976

Pteropus dasymallus
Kowalski 1976

Pteropus dasymallus yayeyamae
Morii 1975

Pteropus edulis
Tickell 1843

Pteropus eotinus
Baker and Baker 1936

Pteropus fundantus
Felten and Kock 1972

Pteropus funereus
Meyer 1974

Pteropus geddiei
Andrews 1900; Baker 1929; Baker and Baker 1936; Sanborn 1931

Pteropus giganteus
Advani 1982; Allen 1939b; Bababunmi, Smith, and Williams 1973; Bakr and Shami 1974; Bastawde and Mahabal 1976; Bhardwaj and Lall 1979; Bhardwaj, Lall, and Jodphur 1982; Breadon 1931; Chakraborty and Chakravarty 1983; Cooper and Bhatnagar 1975; Cooper and Bhatnagar 1976; Cotter and Pierson Pentney 1978; Cotter and Pierson Pentney 1979; Czarnecki and Kallen 1980; Datta 1977; De Gueldre and De Vree 1982; Edvinsson, Huggel, Nielsen, and Owman 1974; Ehinger 1973; Ferrar 1934; Folsch 1967; Ginther 1967; Gopalakrishna, Madhavan, Thakur, and Rajgopal 1974; Gopalakrishna, Phansalkar, and Sahasrabudhe 1970; Gupta, Mathur, and Yadav 1981; Howland, Murphy, Kwiecinski, Kern, and Kallen 1982; Huggel, Johansson, and Peristiany 1973; Idle, Milburn, and Williams 1975; Jaroli and Lall 1980a; Jaroli and Lall 1980b; Khan and Bakr 1974; Kobayashi, Uemura, Wada, and Takei 1978; Lewis 1977; Marshall 1947; Marshall 1953; Mathur, Gupta, and Mathur 1979; McCann 1933; McCann 1941; Mitchell and Punzo 1976; Moghe 1951; Murphy, Kwiecinski, Howland, Kern, and Kallen 1982; Nalavade and Varute 1973b; Neuweiler 1962a; Oommen and Alexander 1982; Pathak 1965b; Pathak and Raychaudhuri 1966; Pedler and Tilley 1969; Pentney and Cotter 1981; Peristiany and Huggel 1971; Peristiany and Huggel 1973; Peristiany, Huggel, and Bisetti 1978; Peristiany, Lane, and Huggel 1971; Prasad 1974; Radovsky 1967;

Rajalakshmi and Prasad 1970; Rao and Maiti 1981; Romanini, Pellicciari, Bolchi, and Capanna 1975; Sanyal 1892; Sapkal and Gadegone 1979; Sapkal and Gadegone 1980; Schoenenberger and Lane 1971; Scott 1925; Singh and Patnaik 1966; Sinha 1976; Sinha 1981; Sinha and Advani 1976; Srivastava and Bhatnagar 1967; Topal 1974; Wahlstrom 1978; Williams 1977; Worth and Shah 1969; Zack, Czeschlik, and Heldmaier 1979

Pteropus giganteus giganteus
Bhide (In press); Lall 1979; Lall 1980a; Lall 1980b; Lall 1981; Lall (In press); Sapkal and Gadegone 1981

Pteropus gilliardi
Van Deusen 1969

Pteropus gouldii
Thomas 1975

Pteropus hypomelanus
Gaisler and Barus 1978; Hill and Thonglongya 1972; Krishnasamy, Singh, and Iyamperumal 1981

Pteropus hypomelanus geminorum
Hill 1971

Pteropus hypomelanus moris
Phillips 1958

Pteropus insularis
Bruner and Pratt 1979

Pteropus intermedius
Kamiya and Porlot 1975; Scott 1925

Pteropus livingstonii
Dahl 1979

Pteropus lombocensis
Kock 1974

Pteropus lylei
Mettler 1975

Pteropus mahaganus
Van Deusen 1969

Pteropus mariannus
Anderson 1980; Bryan 1939; Drahos and Strong 1962; Linsley 1934; Nicholson 1945; Perez 1968; Perez 1972; Perez 1973; USDI (United States Department of Interior) 1979; Wheeler 1979a; Wheeler 1980a; Wheeler 1980b; Wheeler and Aguon 1978

Pteropus mariannus mariannus
Anderson 1980

Pteropus medius

Fletcher 1906; Fletcher 1907

Pteropus melanotus

Hill 1971

Pteropus molossinus

Bruner and Pratt 1979; Jackson 1962

Pteropus nawaiensis

Wodzicki and Felten 1975

Pteropus notopterus

Wilson 1973b

Pteropus niger

Moutou 1982

Pteropus pelewensis

Owen 1977; Perez 1968

Pteropus poliocephalus

Bogart, Kumamoto, and Benirschke 1977; Card and Compans 1970; Crowle 1973; Gard and Marshall 1973; Manley and Williams 1979; Pal, Arora, Chhuttani, Broor, Choudhury, Joshi, and Ray 1980; Robinson 1982; Zook, Sauer, and Garner 1970

Pteropus rodricensis

Carroll 1978; Carroll 1979; Pook 1978

Pteropus rufus

Brygoo and Mayoux 1973; Brygoo and Rajenison 1971; Brygoo, Simond and Mayoux 1971; Coulanges, Robin, Le Gondidec, Mayoux, and Bordahandy 1975; Firbas and Sinzinger 1972; Lhuillier 1978; Mayoux, Brygoo, and Simond 1971; Simond and Mayoux 1972

Pteropus samoensis

Cox 1980; Wodzicki and Felten 1975

Pteropus samoensis nawaiensis

Wodzicki and Felten 1975

Pteropus satyrus

Hill 1971

Pteropus scapulatus

Daniel 1975; Troughton 1931; Van Deusen 1969

Pteropus seychellensis

Cook 1979; Dahl 1979; Maijels 1979; Suttie 1979

Pteropus seychellensis seychellensis

Nicoll 1981

Pteropus subniger

Moutou 1982

Pteropus tokudae

Perez 1972; Perez 1973; Tate 1934; Wheeler 1980b

Pteropus tonganus

Diamond and Lecroy 1979; Hill 1979; Marinkelle 1979; Wilson and Wodzicki 1977

Pteropus tuberculatus

Troughton 1927

Pteropus tytleri

Hill 1971

Pteropus woodfordi

Van Deusen 1969

Pteropus yampyrus

Burck 1892; Gould 1977; Hatten, Lutskus, and Sulkin 1973; Schipp 1978; Suyanto 1979; Tibayrenc, Bain, and Ramachandran 1979

Rousettus

Adam and Landau 1970; Bergmans 1980b; Bhat 1974; El-Sabban, Fouad, Hussein, and Sadek 1967; Flower 1932; Gaisler, Madkour, and Pelikan 1972; Gopalakrishna 1971; Grasse 1805; Griffin 1974; Haiduk, Baker, Robbins, and Schlitter 1981; Harrison 1964; Johnson and Titlebaum 1976; Kingdon 1974; Kock 1969a; Kulzer 1958; Kulzer 1960; Kulzer 1963; Kulzer 1966a; Kulzer 1969c; Madkour 1975b; Madkour 1976c; Madkour 1976d; Neuweiler 1967; Norton and van der Merwe 1978; Puranik, Gopalakrishna, and Chari 1976a; Pya 1970; Summrs and Suthers 1982; van der Westhuyzen 1975; Van Peenen 1968; Verschuren 1980; Wilson 1973a; Yong and Dhaliwal 1979

Rousettus aegyptiacus

Anderson 1902; Baranga 1978; Baranga 1980; Barus 1973; Bergmans 1978a; Brennan, Cantrill, Warner, van der Westhuyzen, Fernandes-Costa, Kramer, and Metz 1980; Brennan, Cantrill, Warner, van der Westhuyzen, Fernandes-Costa, Kramier, and Metz 1981; Brown 1973; Buckland-Wright 1972; Castillo and Lehmann 1977; Cotter 1981a; Cotter 1981b; Cunningham van Someren 1972; Cyprus 1978; Cyprus 1979; Deblase 1980; Di Maio and Tonndorf 1978; Eisentraut 1959a; El-Sabban, Fouad, Hussein, and Sadek 1967; Erkert 1970; Erkert 1976; Erkert, Bay, and Kracht 1976; Gaisler and Barus 1978; Green, Myers, and Jacobsen 1979; Green, van Tonder, Cole, and Metz 1974; Green, van Tonder, Oettle, Cole, and Metz 1975; Hilali, and Fouda 1978; Haiduk, Baker, Robbins, and Schlitter 1981; Hattingh 1973; Hayman and Hill 1971; Hussein, Mohamed, and Elashry 1979; Kaisila 1966; Keegan 1975; Keegan 1976; Keegan 1977a; Keegan 1977b; Keegan 1979; Keegan 1980; Keegan 1982; Keegan and Levine 1980; Keegan, Levine, and Balgobind 1980; Keegan and Modinger 1977; Keegan and Modinger 1979; Keegan and van der Westhuyzen 1976; Kleinschmidt and Braunitzer 1982; Klima and Gaisler 1968; Kloes 1908;

Koopman 1966; Kulzer 1966b; Kulzer 1969a; Laburn and Mitchell 1975; Levine, Glassman, Cornelius, Hattingh, and Ross 1980; Levine, Keegan, Coetzer, and Wright 1980; Luck and Keegan 1972; Madkour 1975a; Madkour 1976a; Madkour 1976b; Madkour 1976c; Madkour 1977a; Madkour 1977b; Madkour 1978; Mainoya and Howell 1979; Miller, Fernandes-Costa, and Metz 1980; Mutere 1968a; Mutere 1973; Nader 1975; Noll 1979a; Noll 1979b; Norberg 1972; Orshoven and Van Bree 1968; Pennycuick 1971; Pennycuick 1973; Peristiany and Huggel 1973; Perry, Lumb, van der Westhuyzen, Fernandes-Costa, Metz, and Chanarin 1979b; Qumsiyeh 1980; Saoud and Ramadan 1976; Schoenenberger and Lane 1971; Start 1972; Suthers 1977; Suthers and Summers 1980; Swanepoel 1975; Thomas and Fenton 1978; Trevisi, Pagani, and Sirigu 1972; van der Westhuyzen 1976; van der Westhuyzen 1978a; van der Westhuyzen 1978b; van der Westhuyzen 1982; van der Westhuyzen, Cantrill, Fernandes-Costa, and Metz 1981; van der Westhuyzen, Cantrill, Fernandes-Costa, and Metz 1983; van der Westhuyzen and Fernandes-Costa 1976; van der Westhuyzen, Fernander-Costa, and Metz 1982b; van der Westhuyzen, Lashansky, and Cantrill 1982a; van der Westhuyzen, Lashansky, and Cantrill 1982b; van der Westhuyzen, Pseba, Fernandes-Costa, Metz, Kanazawa, Drivas, and Herbert 1982; van Tonder, Metz, and Green 1975a; van Tonder, Metz, and Green 1975b; Youdeowei 1975

Rousettus aegyptiacus leachi

Ancianx 1976; Dulic and Mutere 1977; Herzig-Straschil and Robinson 1978; Jacobsen and du Plessis 1976; Perry, Lumb, van der Westhuyzen, Fernandes-Costa, Metz, and Chanarin 1979a; Perry, Lumb, van der Westhuyzen, Fernandes-Costa, Metz, and Chanarin 1980

Rousettus aegyptiacus occidentalis

Verschuren 1976

Rousettus aegyptiacus unicolor

Adam and Le Pont 1974; Bergmans 1979a; Bergmans, Bellier, and Vissault 1975

Rousettus amplexicaudatus

Goff 1981; Grinnel and Hagiware 1972; Kao 1976; Madkour 1976c; Roberts 1975

Rousettus angolensis

Eisentraut 1965; Haiduk, Robbins, Robbins, and Schlitter 1980; Hayman and Hill 1971; Howell 1979; Klim and Gaisler 1968; Largen, Kock, and Yalden 1974; Mainoya and Howell 1979; Verschuren 1980

Rousettus angolensis smithi

Koopman, Mumford, and Heisterberg 1978; Verschuren 1976

Rousettus dentalis

Verschuren 1976

Rousettus lanosus

Bergmans 1982; Hayman and Hill 1971

Rousettus lanosus kempi

Theodor 1979

Rousettus leachi

Stiller and Sullivan 1977

Rousettus leschenaulti

Advani 1982; Banerjee, Ilkal, Bhat, and Sreenivasan 1979; Bedekar and Pavri 1969; Bhat, Sreenivasan, Goverdhan, Naik, and Banerjee 1978; Bhide 1980; Cooper and Bhatnagar 1975; Cooper and Bhatnagar 1976; Gadegone and Sapkal 1981; Gadkari, Banerjee, and Bhat 1976; Gopalakrishna 1964; Gopalakrishna 1969a; Gopalakrishna and Choudhari 1977; Gopalakrishna and Karim 1972; Gopalakrishna and Karim 1974; Gopalakrishna and Madhavan 1970; Gupta and Agarwal 1973; Harada, Minezawa, Takada, Yenbutra, Nunpakdee, and Ohtani 1983; Hill and McNeely 1975; Karim 1973; Karim 1975; Karim, Wimsatt, Enders, and Gopalakrishna 1979; Karim, Wimsatt, and Gopalakrishna 1978; Khaparde 1979; Madkour 1976c; McCann 1940b; McCann 1941; Mirza 1967; Mitchell and Punzo 1976; Pathak 1966; Pathak and Raychaudhuri 1966; Paul, Rajagopalan, and Sreenivasan 1970; Pavri, Singh, and Hollinger 1971; Prasad 1974; Sabnis 1973; Sinha 1976; Sinha 1981; Sreenivasan, Bhat, and Geevarghese 1974; Sreenivasan, Bhat, Naik, and Banerjee 1979; Topal 1974; Uchikawa and Suzuki 1980; Walton 1974; Worth and Shah 1969

Rousettus madagascariensis

Bergmans 1977; Grandidier 1928

Rousettus seminudus

Sinha 1968

Rousettus stresemanni

Menzies 1977

Scotonycteris

Bergmans 1979a; Eisentraut 1959b; Hayman 1946; Wilson 1973a

Scotonycteris crasse papiana

Fain 1978

Scotonycteris ophiodon

Bergmans 1973; Bergmans 1979a; Cansdale 1948; Haiduk, Baker, Robbins, and Schlitter 1981; Haiduk, Robbins, Robbins, and Schlitter 1980; Novick 1958a; Pohle 1942; Hill 1982

Scotonycteris zenkeri

Bergmans 1979a; Bergmans, Bellier, and Vissault 1975; Hayman 1947; Kuhn 1962

